

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
 Data File : BP000514.D
 Acq On : 04 Oct 2019 18:00
 Operator : JU
 Sample : K5095-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMPOSITE-4

Manual Integrations
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mohammad
 10/7/2019 4:38:19 PM

Quant Time: Oct 05 07:18:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 01 18:03:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	210802	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	724043	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	360871	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	650575	20.00	ng	0.00
76) Chrysene-d12	13.99	240	361369	20.00	ng	0.00
87) Perylene-d12	15.47	264	443837	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1020092	77.79	ng	0.01
7) Phenol-d6	6.41	99	883346	55.90	ng	0.00
23) Nitrobenzene-d5	7.33	82	873993	73.72	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	525345	136.61	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1858595	83.33	ng	0.00
79) Terphenyl-d14	12.92	244	1617006	90.60	ng	0.00
Target Compounds						
10) Phenol	6.42	94	264071	16.321	ng	94
13) 1,4-Dichlorobenzene	6.79	146	88961	5.635	ng	99
14) 1,2-Dichlorobenzene	6.94	146	168015	11.527	ng	96
15) Benzyl Alcohol	6.91	79	82823	8.115	ng	95
17) 2-Methylphenol	7.03	107	98408m	9.200	ng	
20) 3+4-Methylphenols	7.19	107	211570	16.904	ng	# 61
27) 2,4-Dimethylphenol	7.72	122	40934	4.441	ng	93
30) 1,2,4-Trichlorobenzene	7.99	180	107594	8.791	ng	98
31) Naphthalene	8.08	128	788476	23.317	ng	99
37) 2-Methylnaphthalene	8.76	142	117730	5.186	ng	98
38) 1-Methylnaphthalene	8.86	142	74754	3.485	ng	# 95
50) Dimethylphthalate	9.53	163	661529	26.382	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.15	232	77093	12.562	ng	# 94
70) Pentachlorophenol	11.13	266	92273	27.606	ng	97
71) Phenanthrene	11.34	178	81543	2.496	ng	# 71
74) Di-n-butylphthalate	11.89	149	214479	5.863	ng	# 95
84) Bis(2-ethylhexyl)phthalate	13.98	149	255664	18.717	ng	98
85) Di-n-octyl phthalate	14.60	149	51099	2.064	ng	# 98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

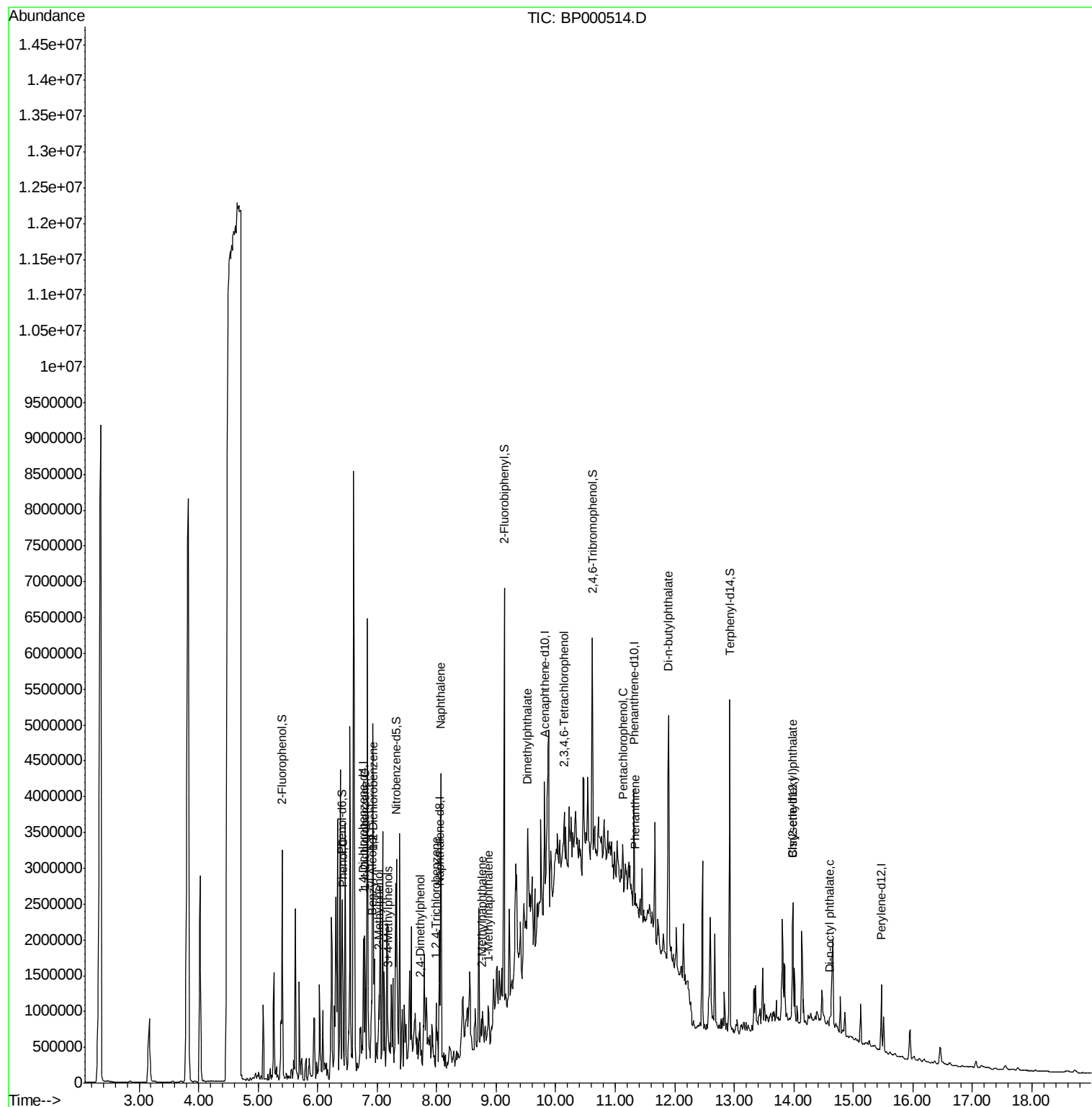
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
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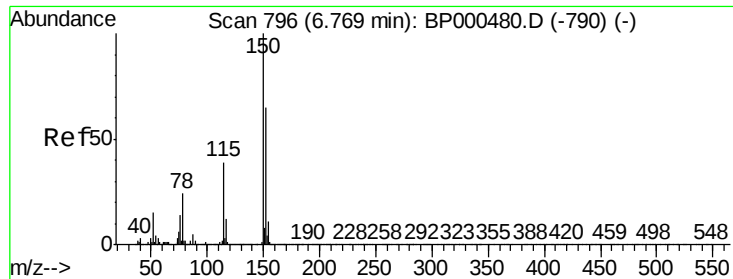
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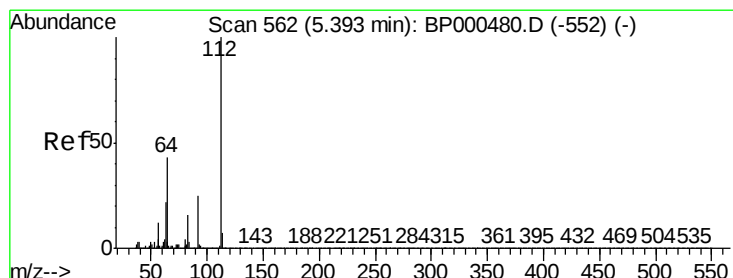
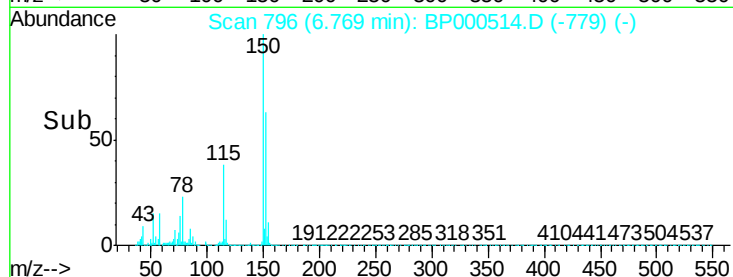
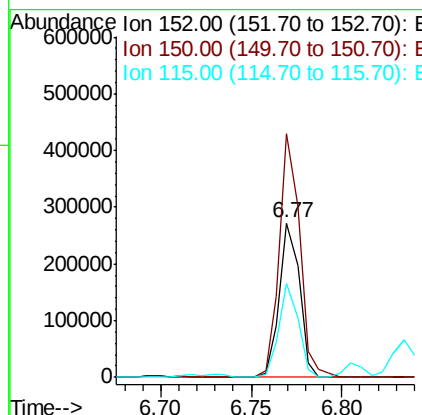
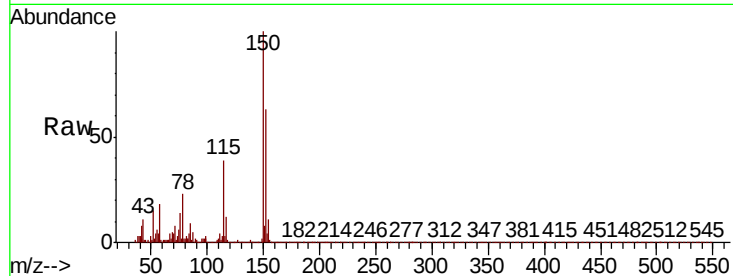
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BP000514.D
Acq: 04 Oct 2019 18:00

Instrument :
BNA_P
ClientSampleId :
COMPOSITE-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.1	186.1
115	60.8	48.7	73.1

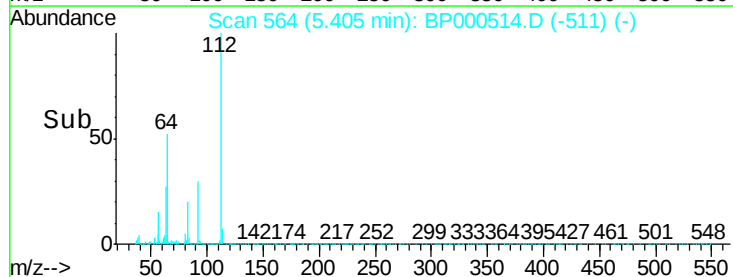
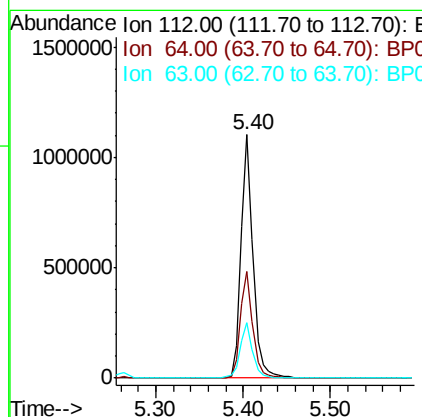
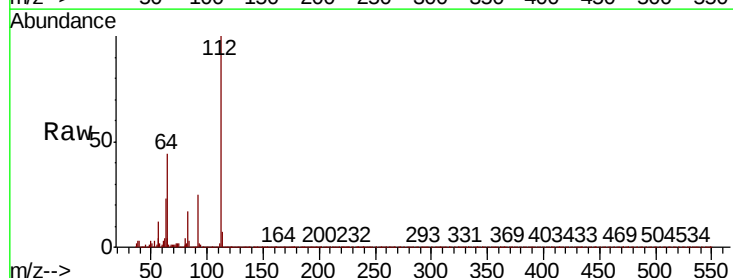
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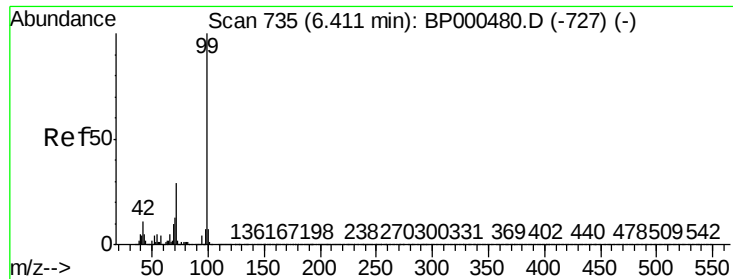
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#5
2-Fluorophenol
Concen: 77.786 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BP000514.D
Acq: 04 Oct 2019 18:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	43.9	34.2	51.4
63	22.7	17.9	26.9





#7

Phenol-d6

Concen: 55.897 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BP000514.D

Acq: 04 Oct 2019 18:00

Instrument :

BNA_P

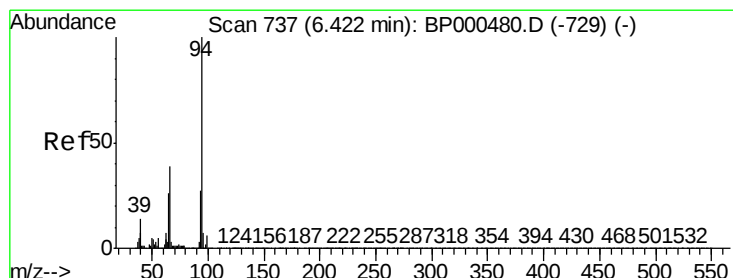
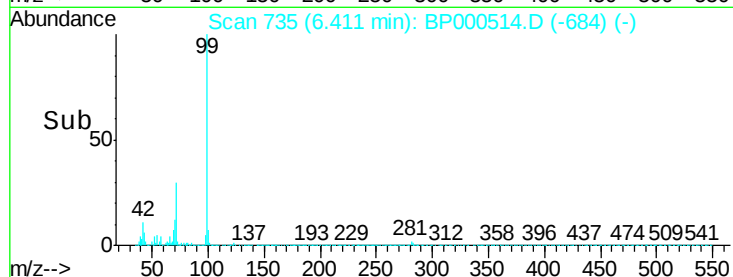
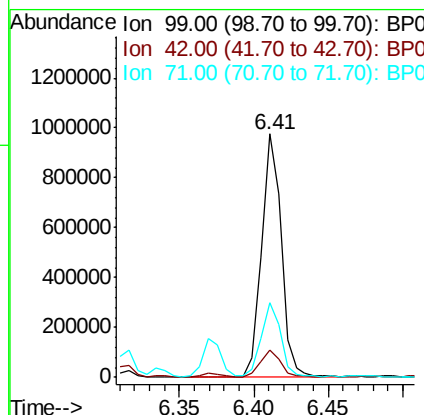
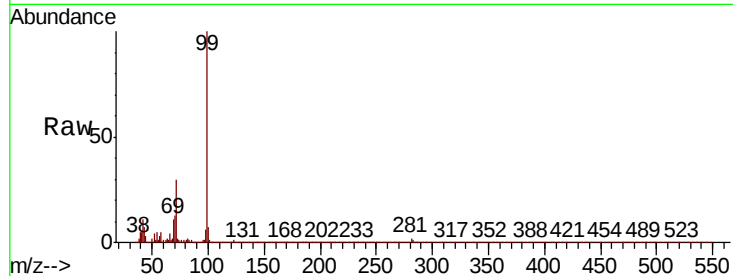
ClientSampleId :

COMPOSITE-4

Tot Ion:	99	Resp:	883346
Ion Ratio	Lower	Upper	
99	100		
42	11.3	8.6	12.8
71	30.5	23.0	34.4

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#10

Phenol

Concen: 16.321 ng

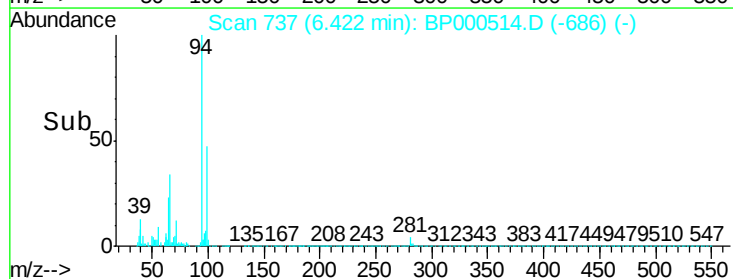
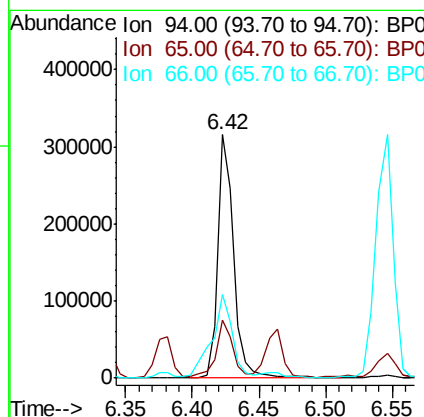
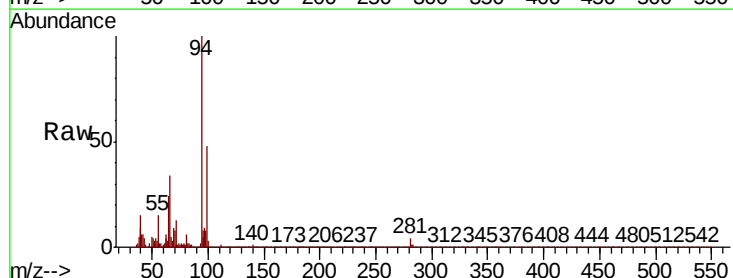
RT: 6.42 min Scan# 737

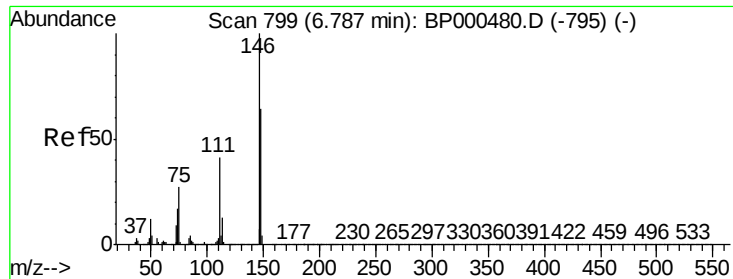
Delta R.T. 0.00 min

Lab File: BP000514.D

Acq: 04 Oct 2019 18:00

Tgt Ion:	94	Resp:	264071
Ion Ratio	Lower	Upper	
94	100		
65	23.8	5.9	45.9
66	34.2	18.8	58.8





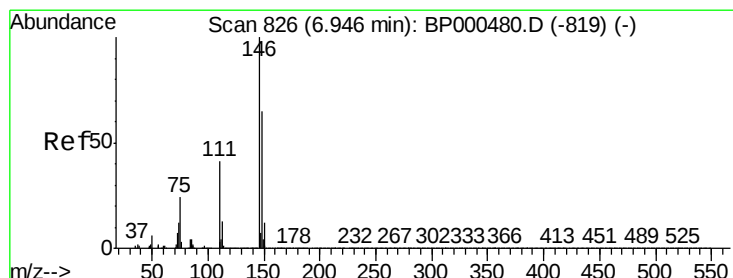
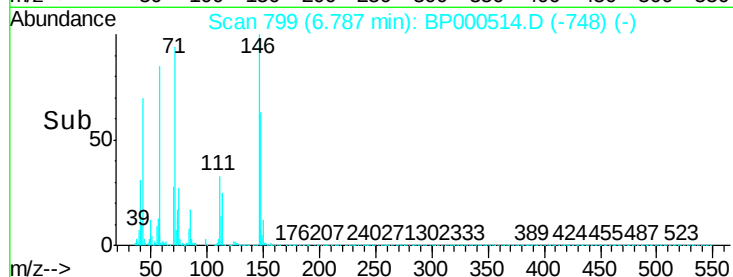
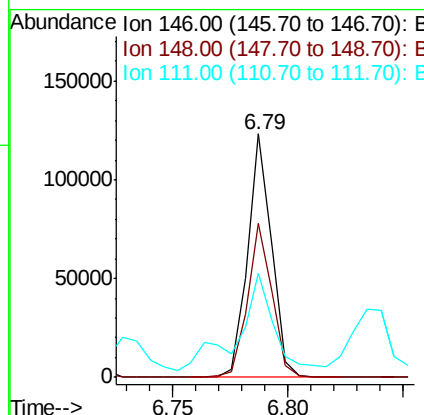
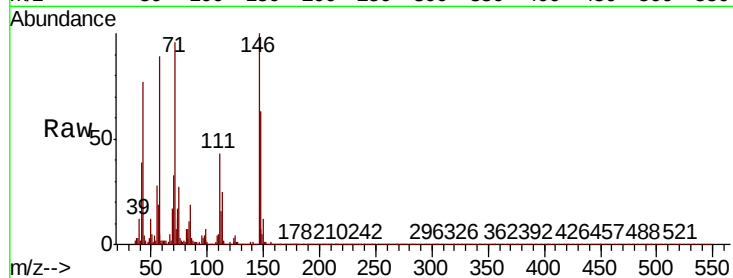
#13
 1,4-Dichlorobenzene
 Concen: 5.635 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BP000514.D
 Acq: 04 Oct 2019 18:00

Instrument :
 BNA_P
 ClientSampleId :
 COMPOSITE-4

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.1	76.7
111	42.6	33.0	49.4

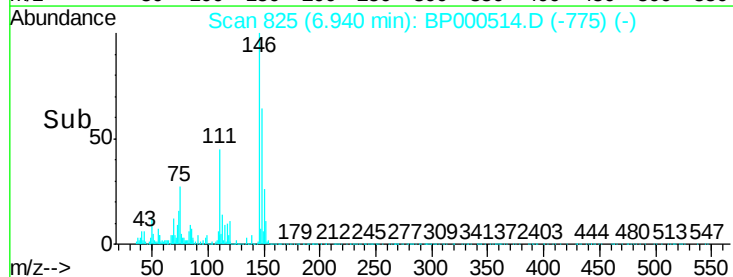
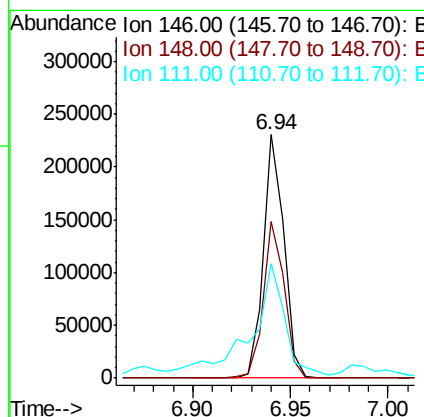
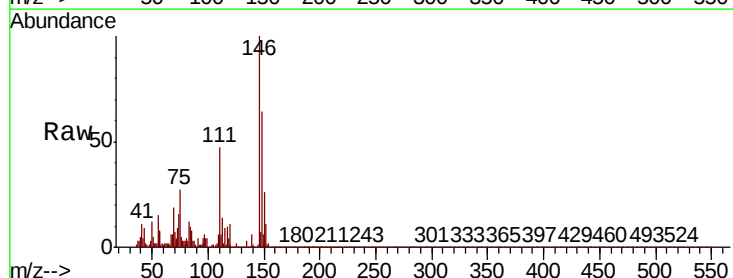
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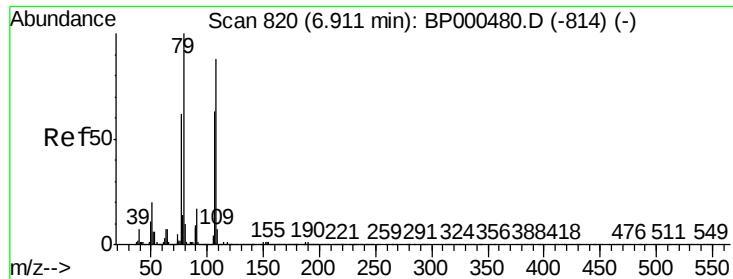
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#14
 1,2-Dichlorobenzene
 Concen: 11.527 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BP000514.D
 Acq: 04 Oct 2019 18:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.6
111	47.2	32.8	49.2





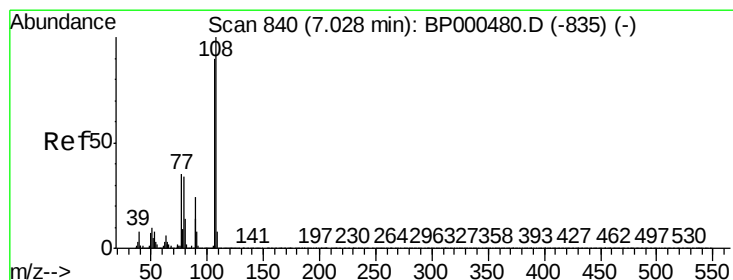
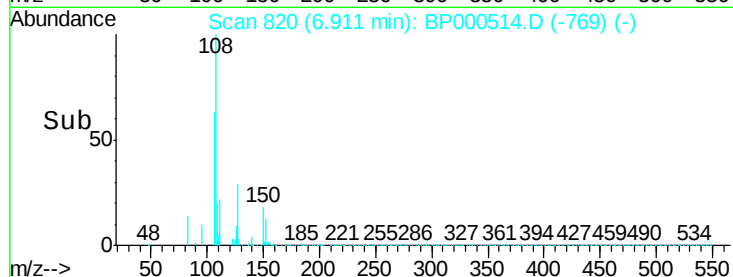
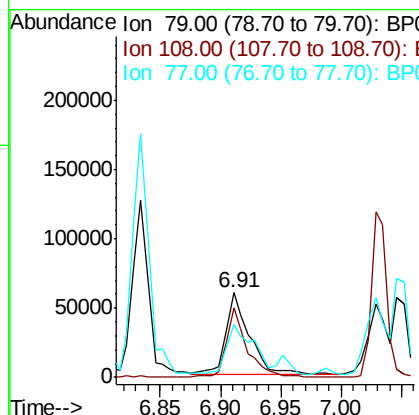
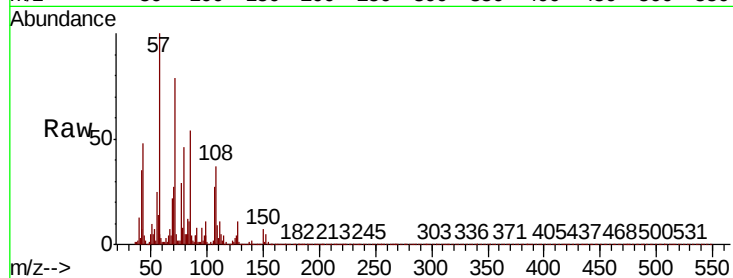
#15
Benzyl Alcohol
Concen: 8.115 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.00 min
Lab File: BP000514.D
Acq: 04 Oct 2019 18:00

Instrument :
BNA_P
ClientSampleId :
COMPOSITE-4

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.6	70.8	106.2
77	63.0	50.0	75.0

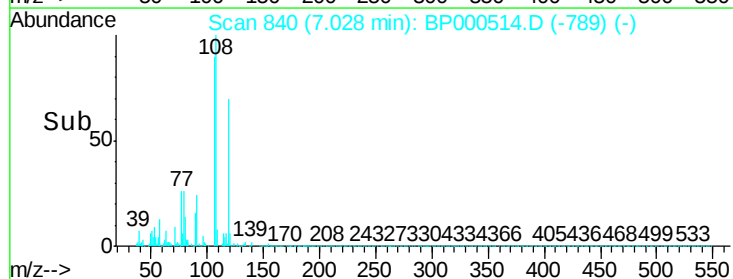
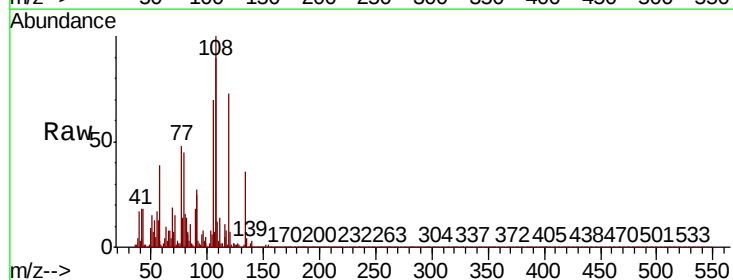
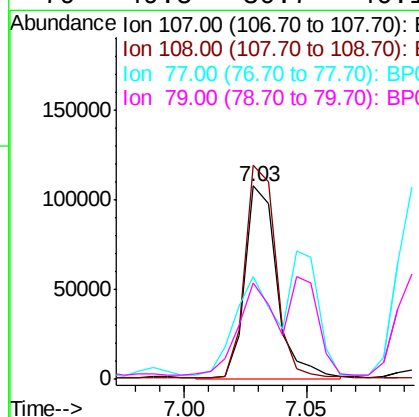
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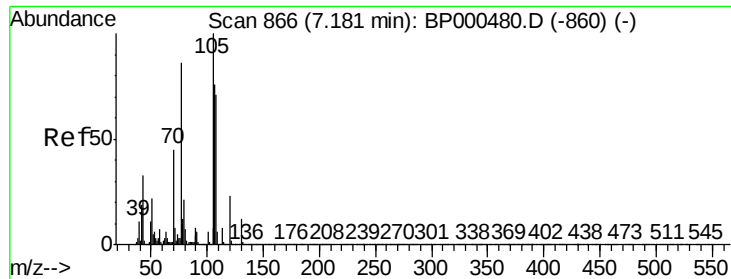
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#17
2-Methylphenol
Concen: 9.200 ng m
RT: 7.03 min Scan# 840
Delta R.T. 0.00 min
Lab File: BP000514.D
Acq: 04 Oct 2019 18:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	110.6	89.0	133.4
77	53.3	31.2	46.8#
79	49.5	30.7	46.1#





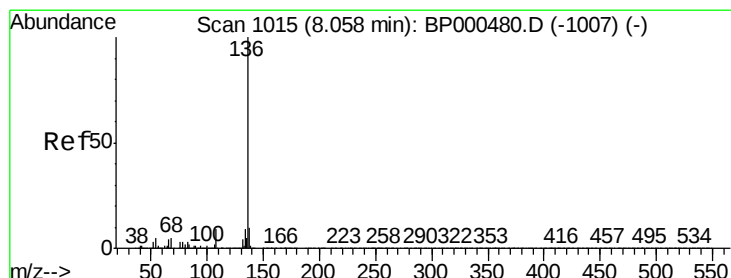
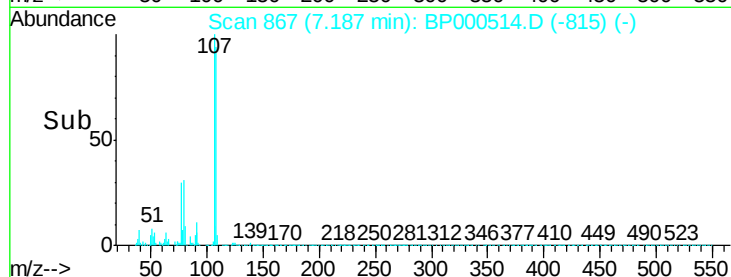
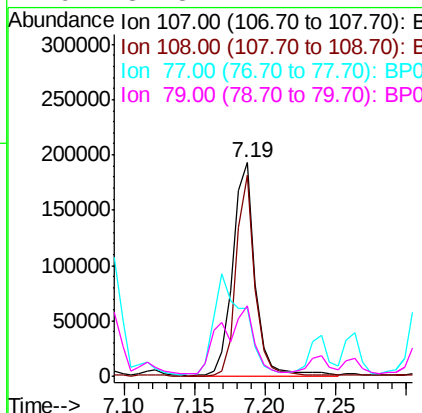
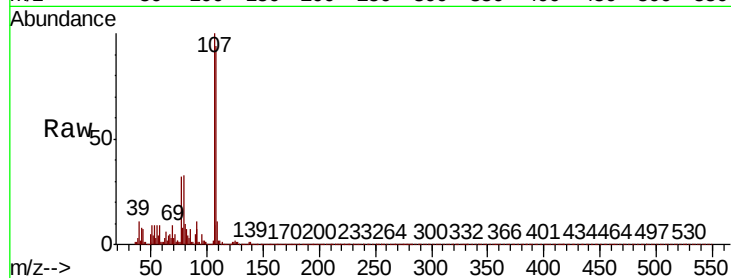
#20
3+4-Methylphenols
Concen: 16.904 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: BP000514.D
Acq: 04 Oct 2019 18:00

Instrument :
BNA_P
ClientSampleId :
COMPOSITE-4

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	94.1	72.6	112.6	
77	31.5	93.3	133.3	
79	32.8	7.1	47.1	

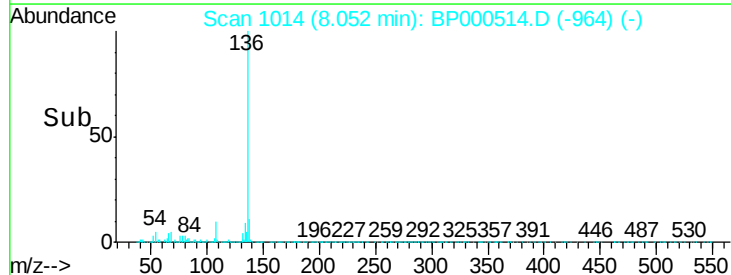
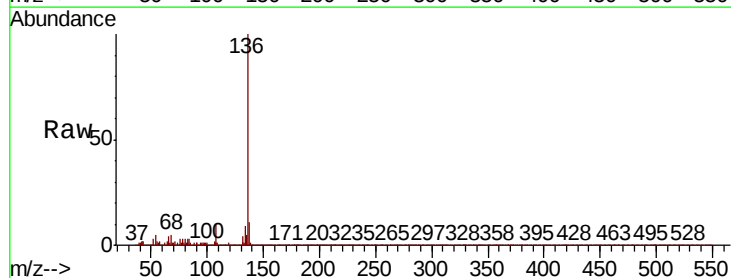
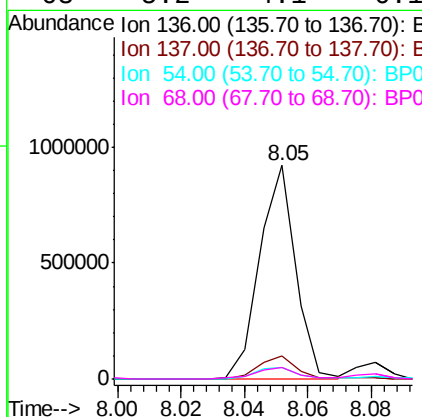
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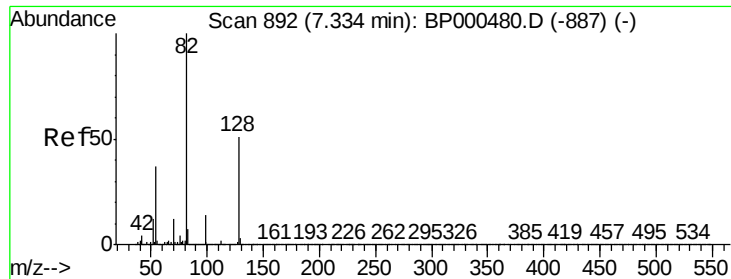
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BP000514.D
Acq: 04 Oct 2019 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.2	12.4	
54	5.3	4.1	6.1	
68	5.2	4.1	6.1	





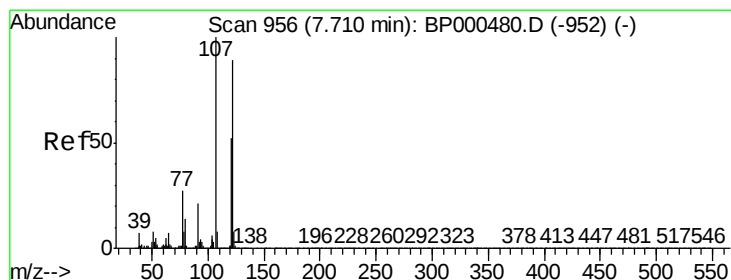
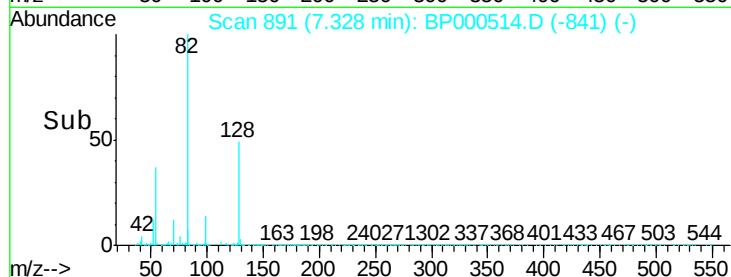
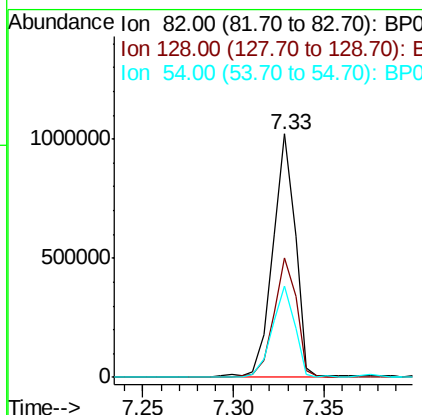
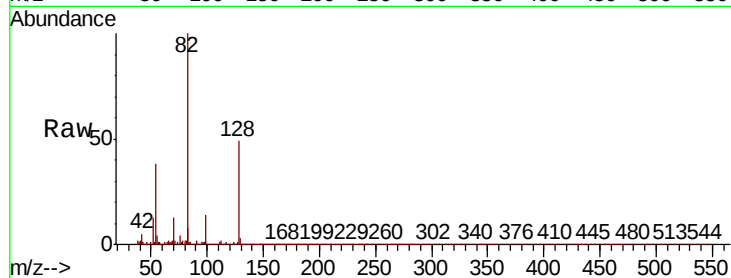
#23
Nitrobenzene-d5
Concen: 73.724 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BP000514.D
Acq: 04 Oct 2019 18:00

Instrument :
BNA_P
ClientSampleId :
COMPOSITE-4

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.2	40.9	61.3
54	37.7	29.4	44.2

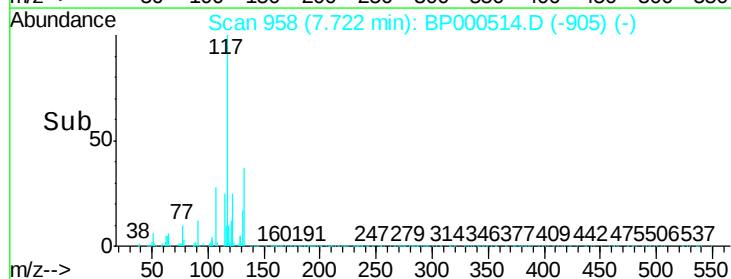
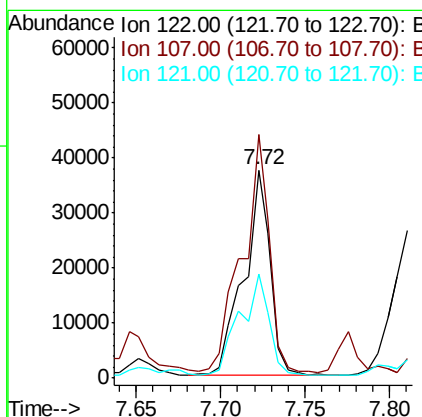
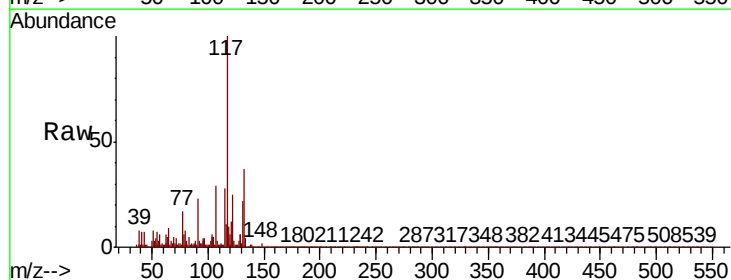
Manual Integrations
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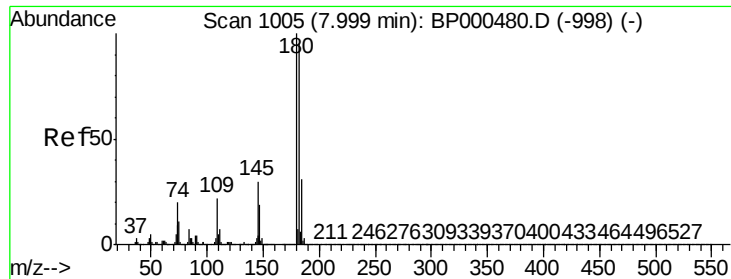
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#27
2,4-Dimethylphenol
Concen: 4.441 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.01 min
Lab File: BP000514.D
Acq: 04 Oct 2019 18:00

Tgt Ion	Ratio	Lower	Upper
122	100		
107	117.2	89.9	134.9
121	49.8	46.6	70.0





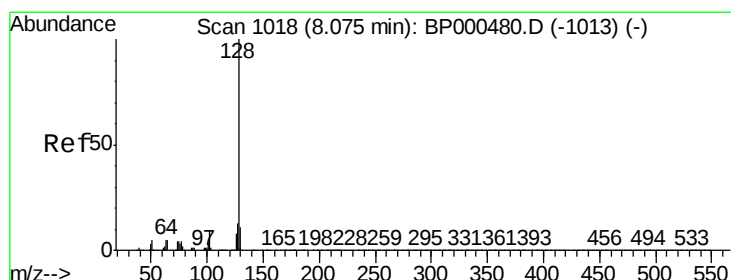
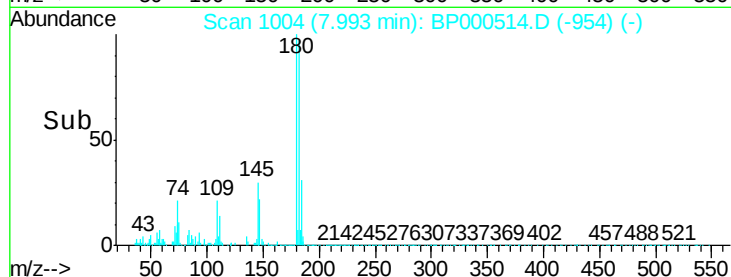
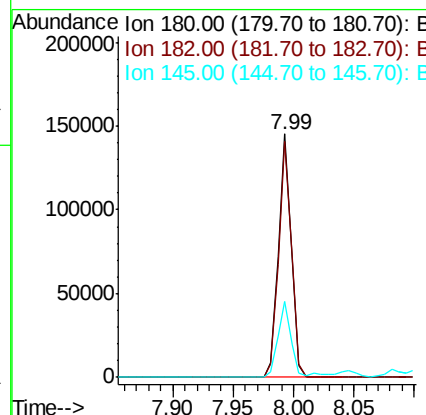
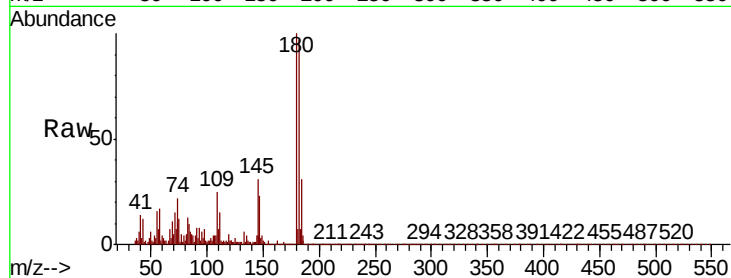
#30
1,2,4-Trichlorobenzene
Concen: 8.791 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BP000514.D
Acq: 04 Oct 2019 18:00

Instrument :
BNA_P
ClientSampleId :
COMPOSITE-4

Tot Ion	Ratio	Resp	Lower	Upper
180	100	107594		
182	96.8	76.2	114.4	
145	30.9	23.6	35.4	

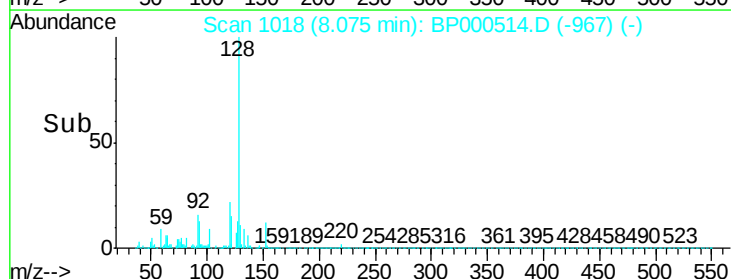
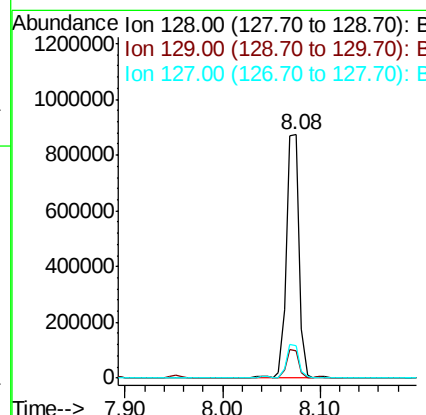
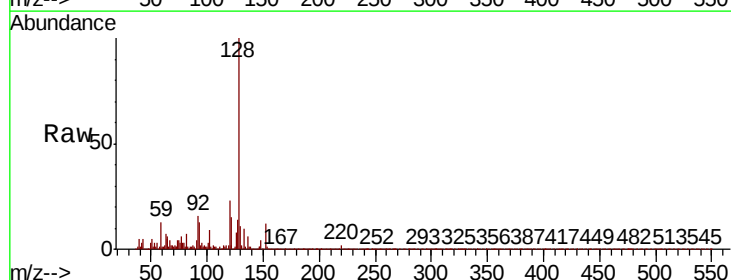
Manual Integrations
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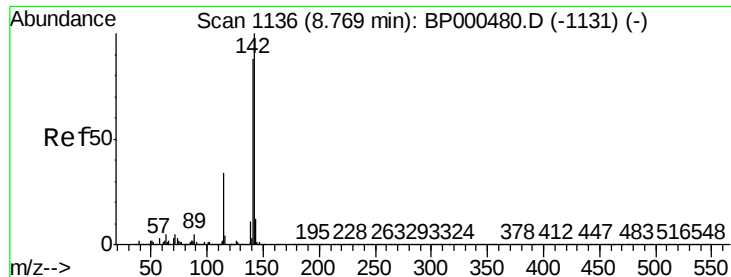
mohammad
10/7/2019 4:38:19 PM



#31
Naphthalene
Concen: 23.317 ng
RT: 8.08 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BP000514.D
Acq: 04 Oct 2019 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	788476		
129	11.2	9.0	13.6	
127	13.6	10.5	15.7	





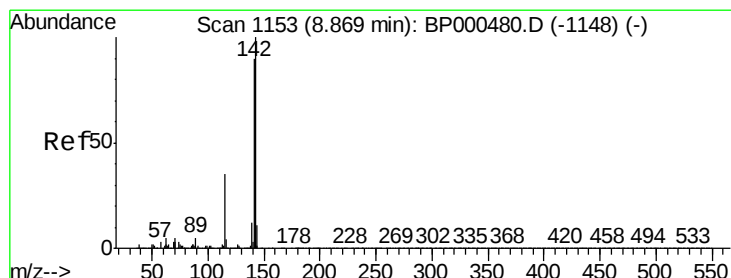
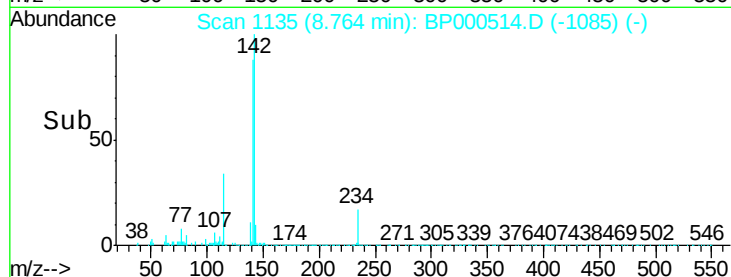
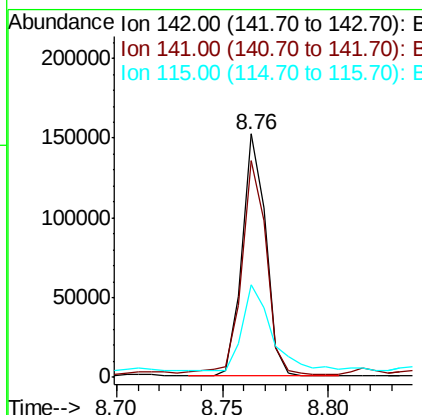
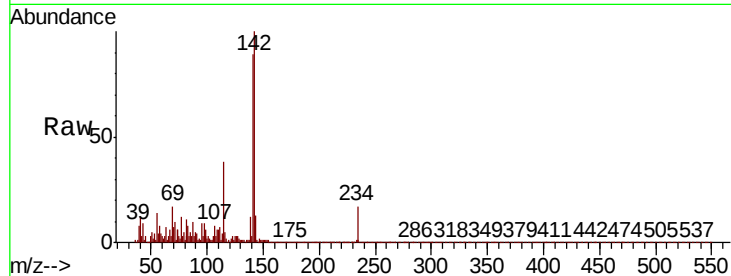
#37
2-Methylnaphthalene
Concen: 5.186 ng
RT: 8.76 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BP000514.D
Acq: 04 Oct 2019 18:00

Instrument :
BNA_P
ClientSampleId :
COMPOSITE-4

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.6	106.0
115	37.9	27.4	41.0

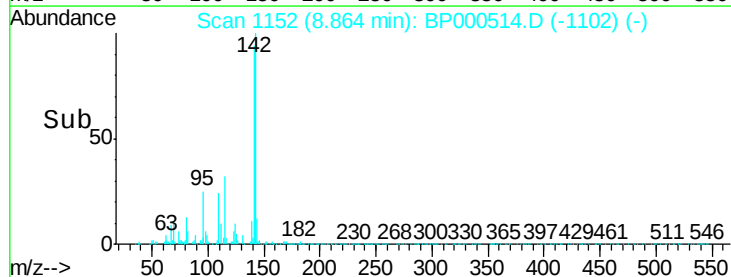
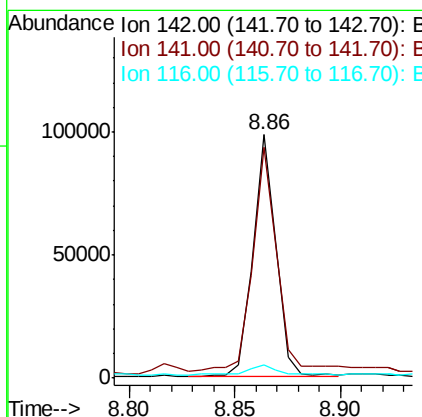
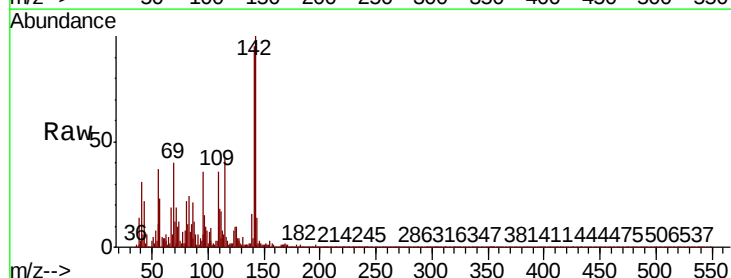
Manual Integrations
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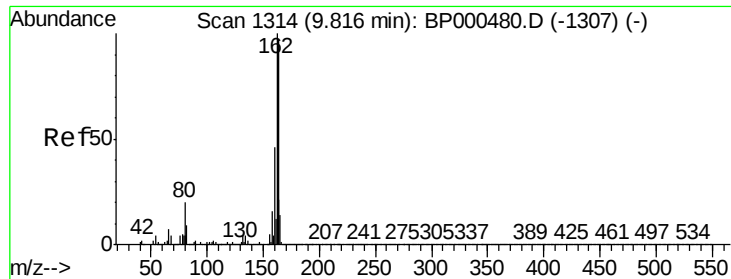
mohammad
10/7/2019 4:38:19 PM



#38
1-Methylnaphthalene
Concen: 3.485 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BP000514.D
Acq: 04 Oct 2019 18:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.8	71.9	107.9
116	5.2	3.0	4.4#





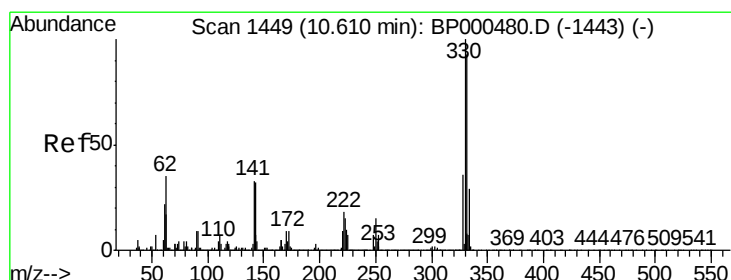
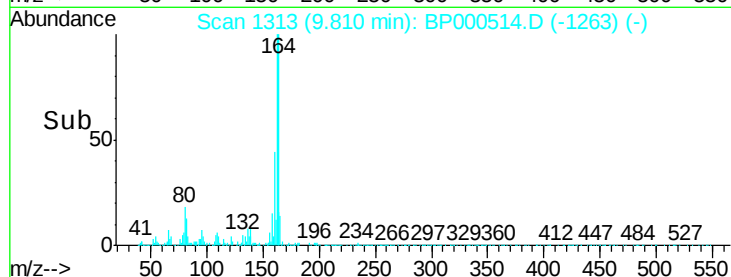
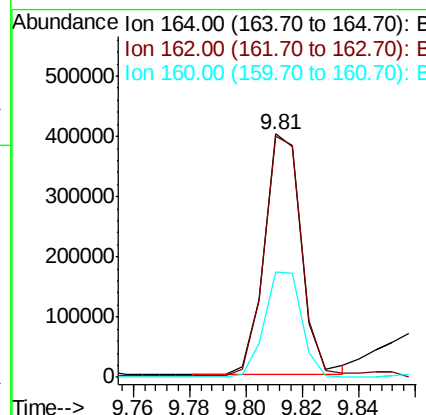
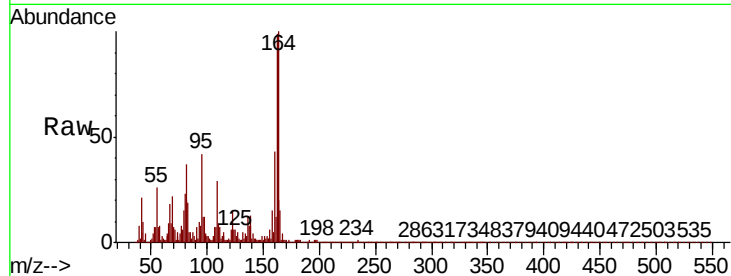
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BP000514.D
Acq: 04 Oct 2019 18:00

Instrument :
BNA_P
ClientSampleId :
COMPOSITE-4

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.1	82.2	123.2
160	43.4	37.6	56.4

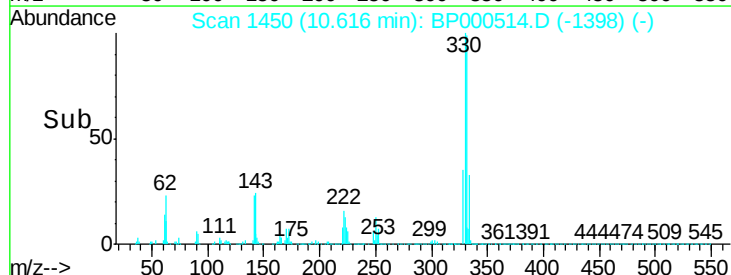
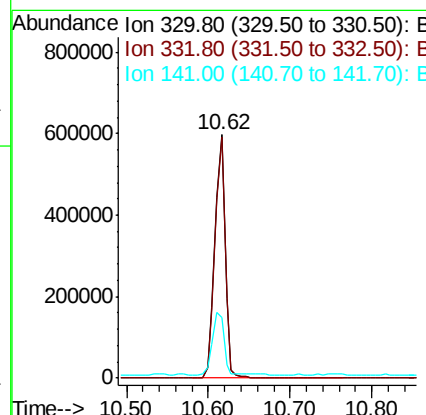
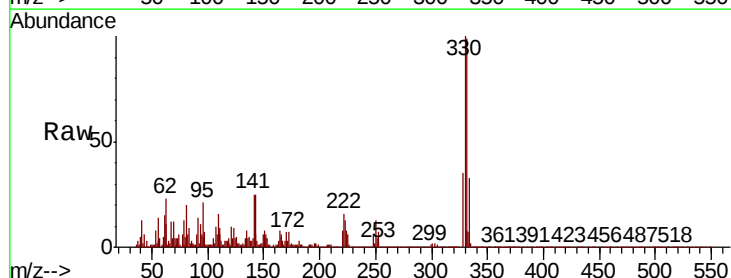
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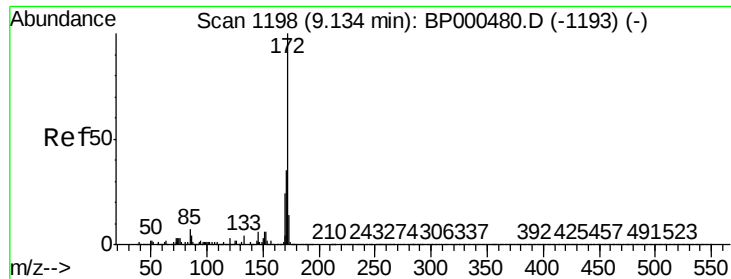
mohammad
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#42
2,4,6-Tribromophenol
Concen: 136.613 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BP000514.D
Acq: 04 Oct 2019 18:00

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.1	115.7
141	28.0	26.0	39.0





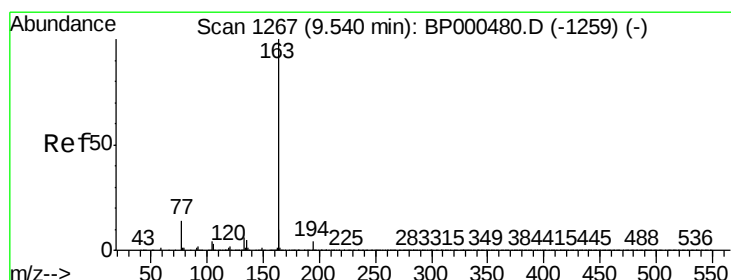
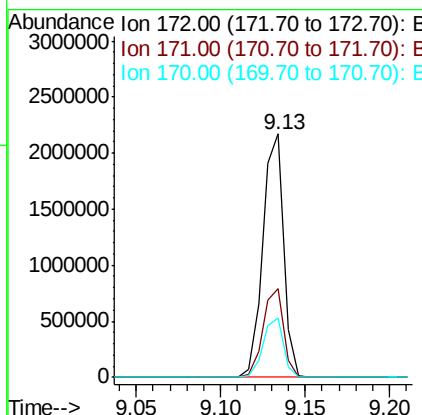
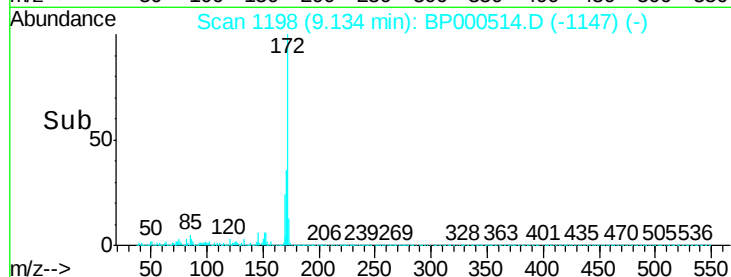
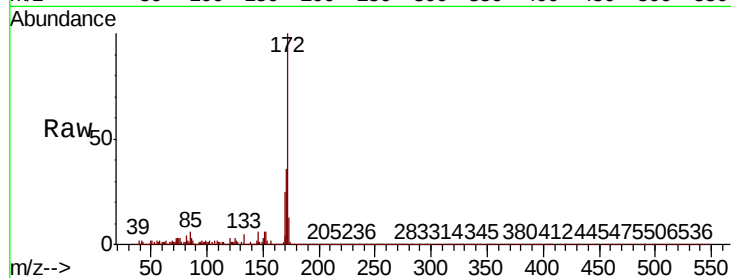
#45
2-Fluorobiphenyl
Concen: 83.332 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BP000514.D
Acq: 04 Oct 2019 18:00

Instrument :
BNA_P
ClientSampleId :
COMPOSITE-4

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.4	42.6
170	24.5	19.1	28.7

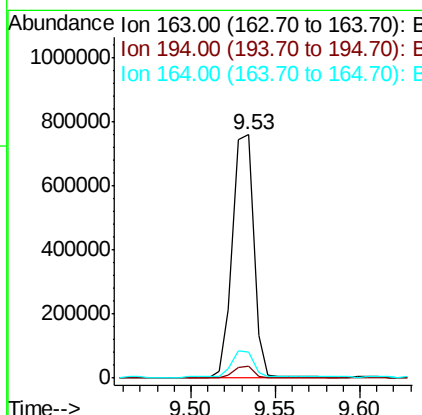
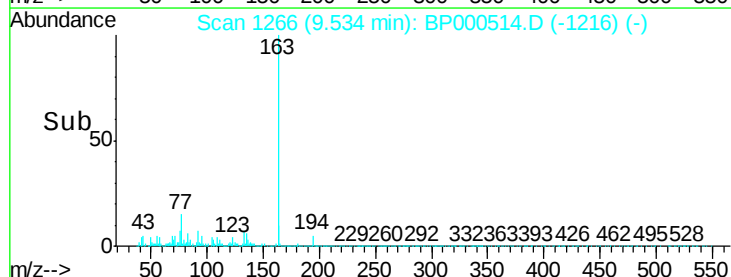
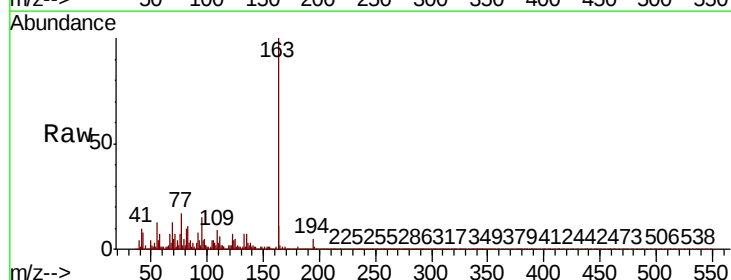
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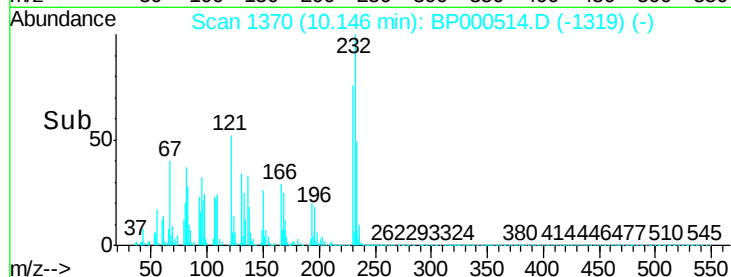
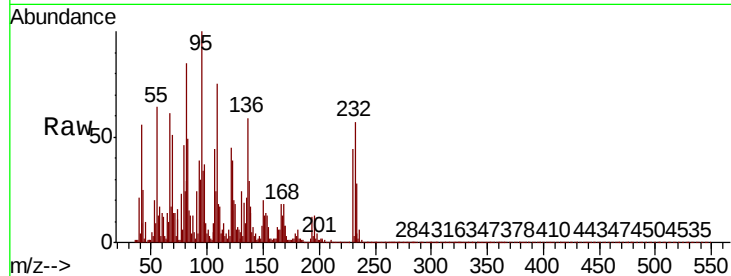
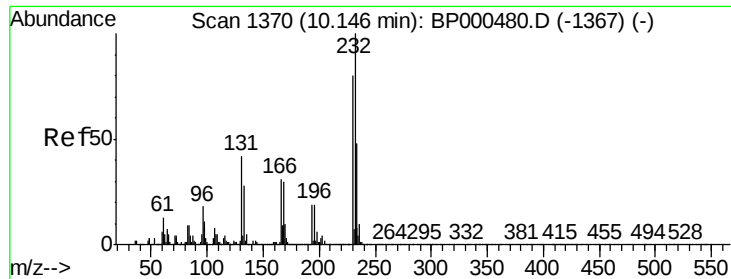
mohammad
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#50
Dimethylphthalate
Concen: 26.382 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BP000514.D
Acq: 04 Oct 2019 18:00

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.2
164	10.7	8.0	12.0





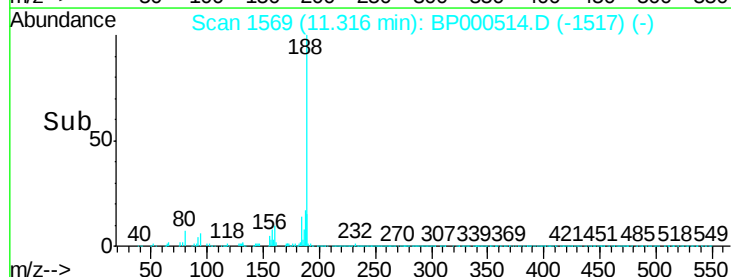
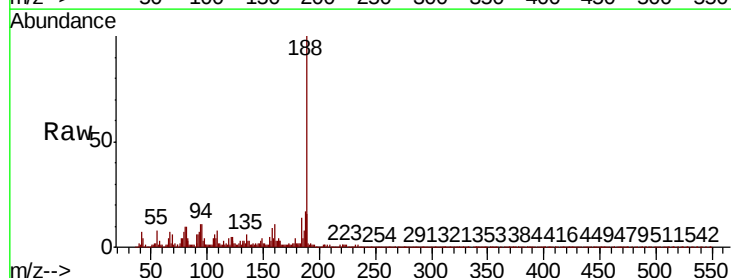
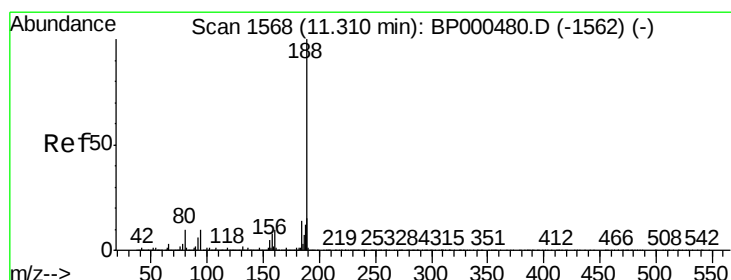
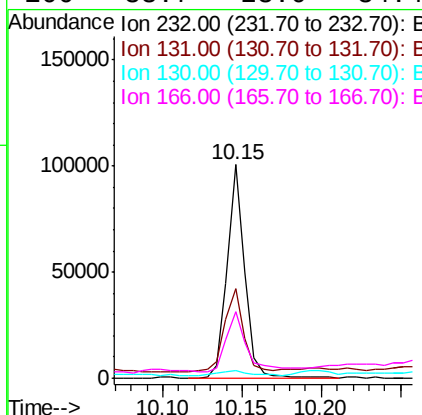
#59
2,3,4,6-Tetrachlorophenol
Concen: 12.562 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BP000514.D
Acq: 04 Oct 2019 18:00

Instrument :
BNA_P
ClientSampleId :
COMPOSITE-4

Tot Ion	Ratio	Resp	Lower	Upper
232	100			
131	42.2	32.1	48.1	
130	4.2	1.6	2.4	
166	33.7	23.0	34.4	

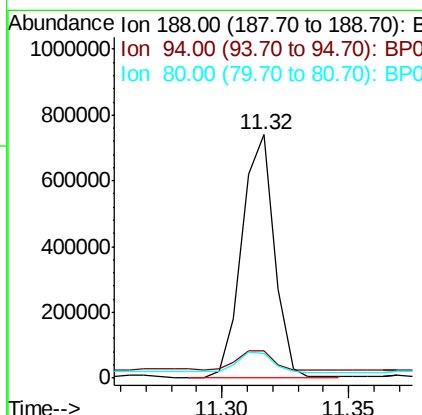
Manual Integrations
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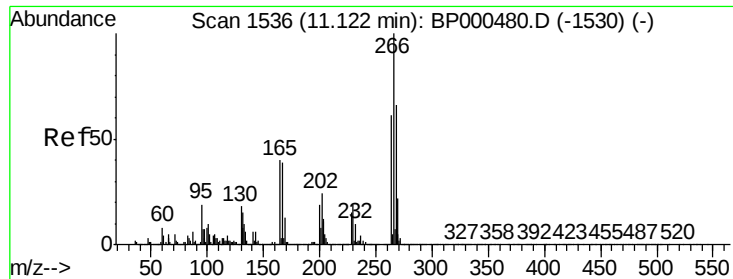
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BP000514.D
Acq: 04 Oct 2019 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.2	8.2	12.2	
80	10.4	8.3	12.5	





#70

Pentachlorophenol

Concen: 27.606 ng

RT: 11.13 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BP000514.D

Acq: 04 Oct 2019 18:00

Instrument :

BNA_P

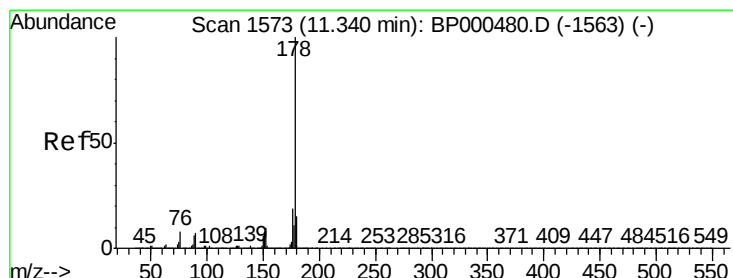
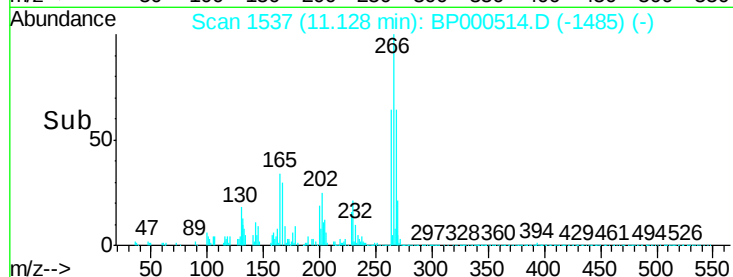
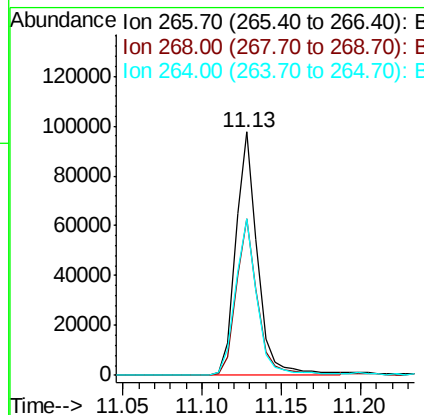
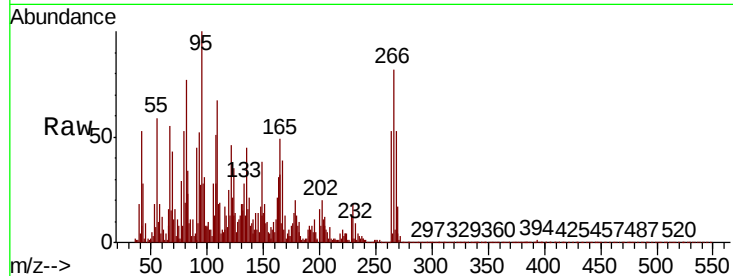
ClientSampleId :

COMPOSITE-4

Tot Ion:	266	Resp:	92273
Ion Ratio	Lower	Upper	
266	100		
268	64.2	53.2	79.8
264	64.3	49.0	73.4

Manual Integrations
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#71

Phenanthrene

Concen: 2.496 ng

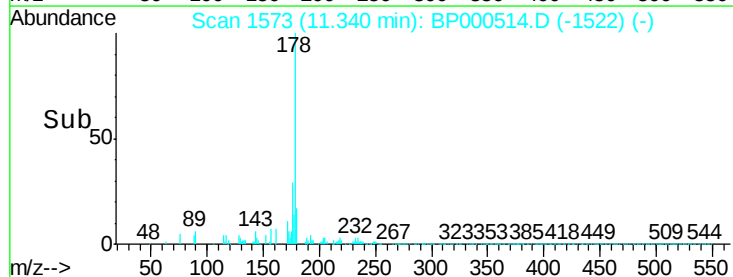
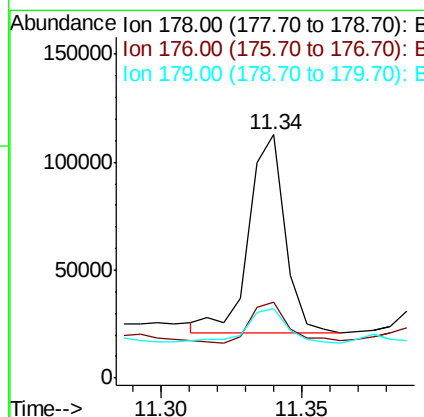
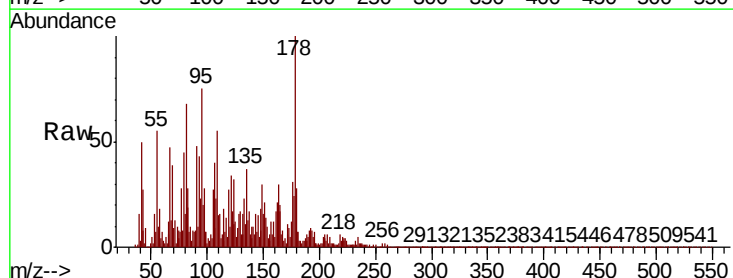
RT: 11.34 min Scan# 1573

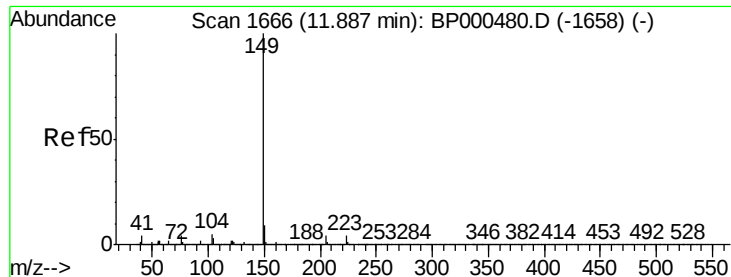
Delta R.T. 0.00 min

Lab File: BP000514.D

Acq: 04 Oct 2019 18:00

Tgt Ion:	178	Resp:	81543
Ion Ratio	Lower	Upper	
178	100		
176	31.4	15.4	23.2#
179	28.4	12.2	18.4#





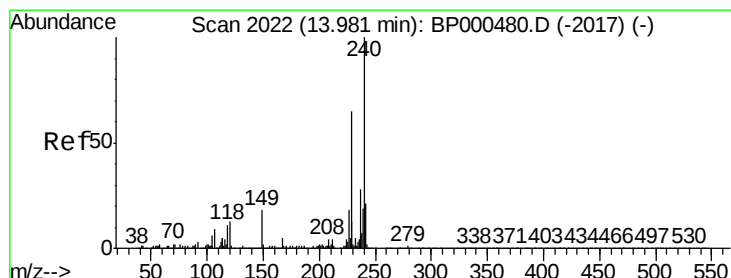
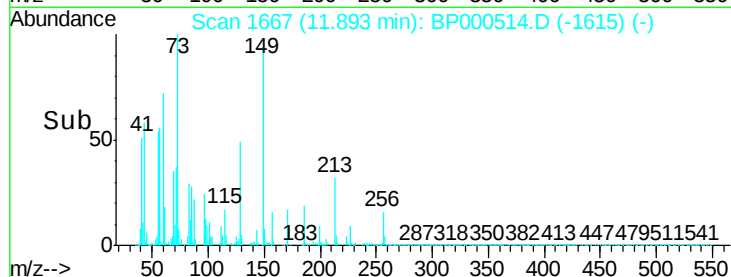
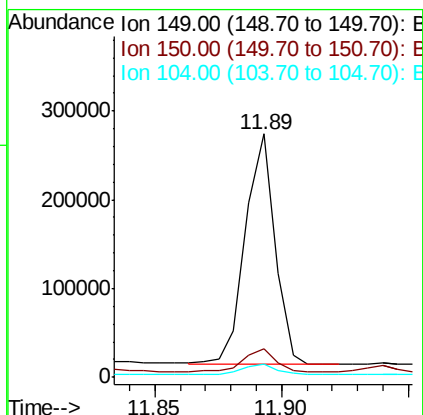
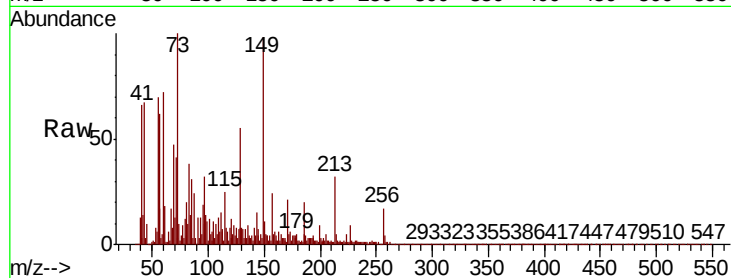
#74
Di-n-butylphthalate
Concen: 5.863 ng
RT: 11.89 min Scan# 1667
Delta R.T. 0.01 min
Lab File: BP000514.D
Acq: 04 Oct 2019 18:00

Instrument :
BNA_P
ClientSampleId :
COMPOSITE-4

Tot Ion	Ratio	Lower	Upper
149	100		
150	11.6	7.4	11.2#
104	5.7	3.7	5.5#

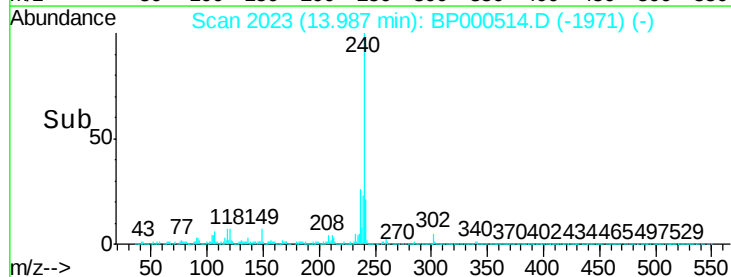
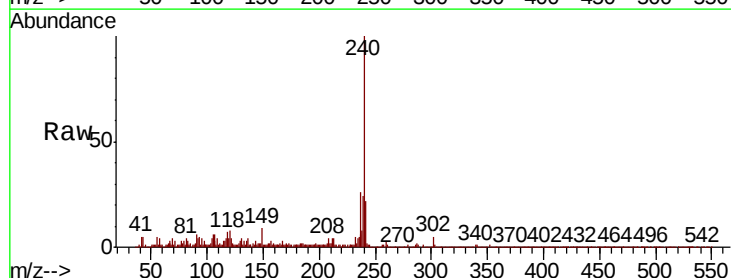
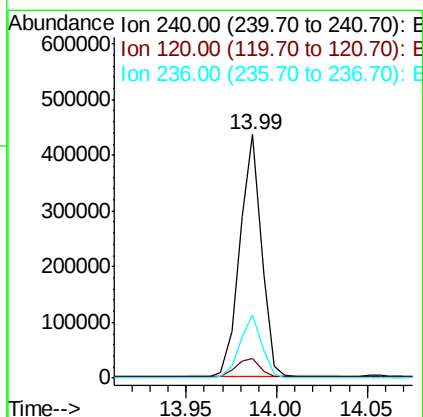
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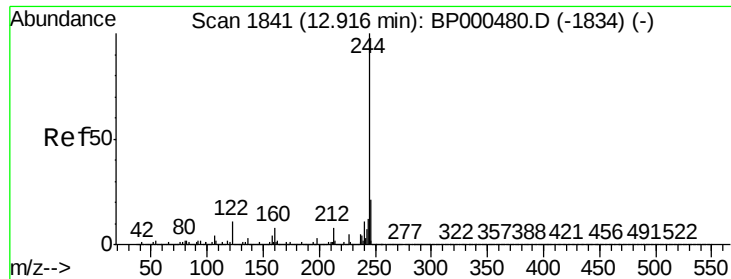
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BP000514.D
Acq: 04 Oct 2019 18:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.0	10.1	15.1#
236	26.2	22.7	34.1





#79

Terphenyl-d14

Concen: 90.600 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BP000514.D

Acq: 04 Oct 2019 18:00

Instrument :

BNA_P

ClientSampleId :

COMPOSITE-4

Tot Ion:244 Resp: 1617006

Ion Ratio Lower Upper

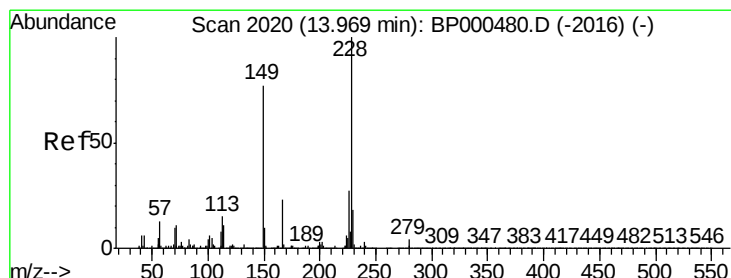
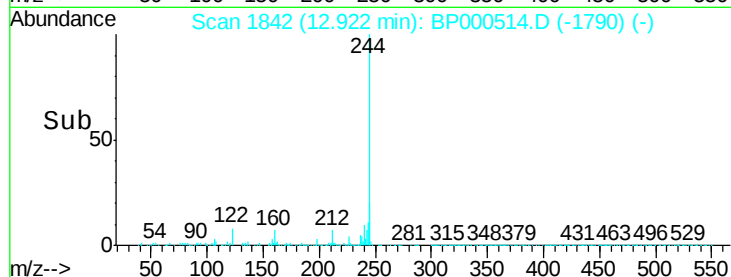
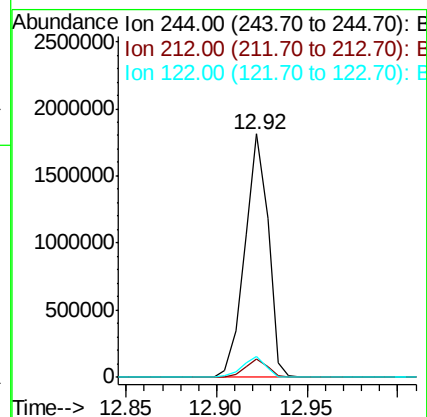
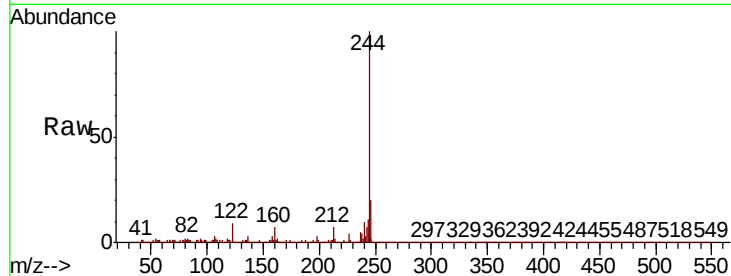
244 100

212 7.3 6.0 9.0

122 8.6 8.9 13.3#

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#84

Bis(2-ethylhexyl)phthalate

Concen: 18.717 ng

RT: 13.98 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BP000514.D

Acq: 04 Oct 2019 18:00

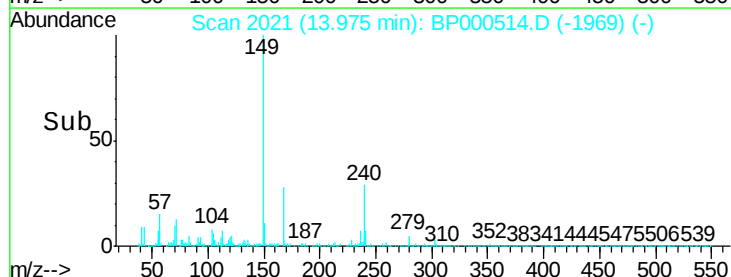
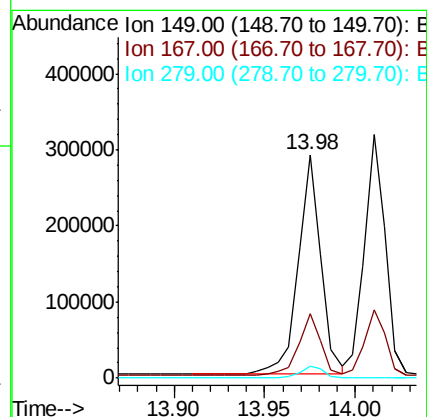
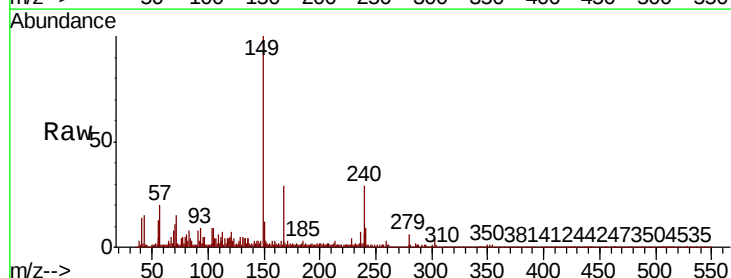
Tgt Ion:149 Resp: 255664

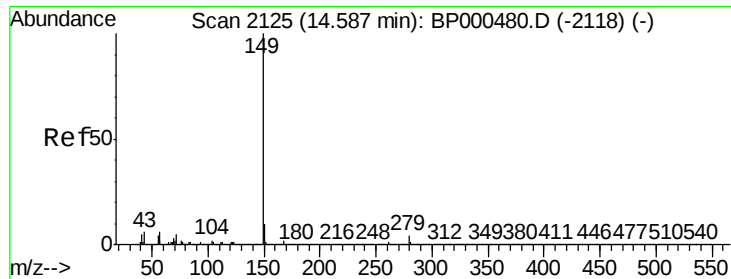
Ion Ratio Lower Upper

149 100

167 28.7 23.6 35.4

279 5.6 3.9 5.9





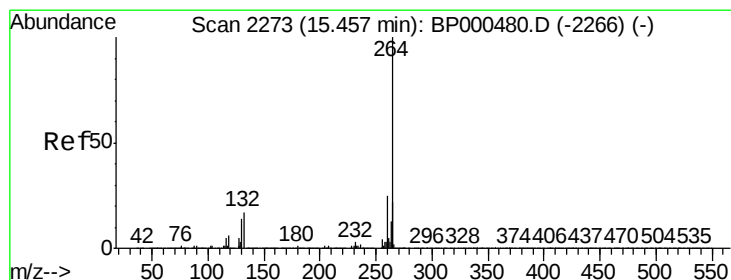
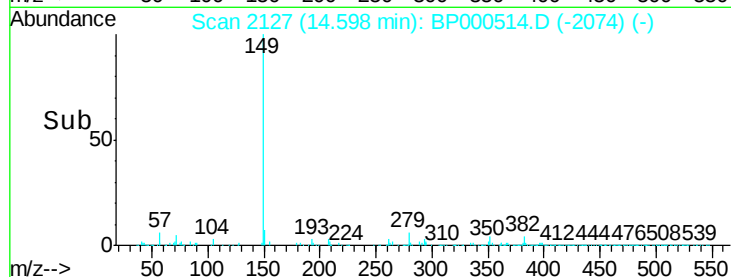
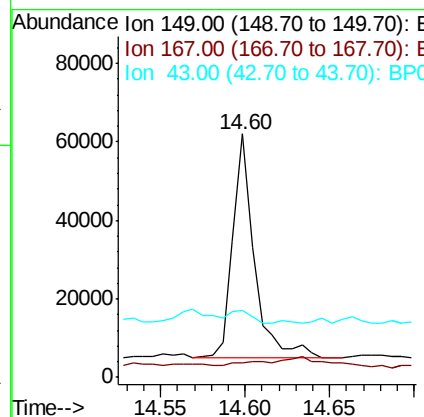
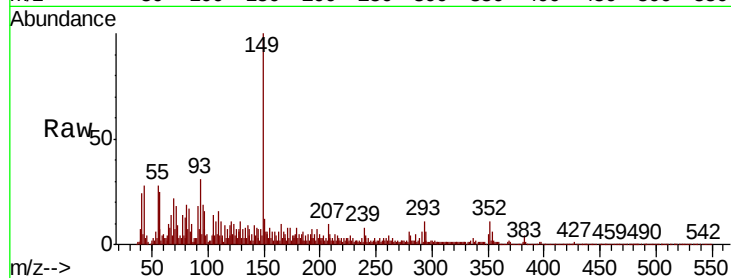
#85
Di-n-octyl phthalate
Concen: 2.064 ng
RT: 14.60 min Scan# 2127
Delta R.T. 0.01 min
Lab File: BP000514.D
Acq: 04 Oct 2019 18:00

Instrument :
BNA_P
ClientSampleId :
COMPOSITE-4

Tot Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	5.4	4.6	7.0

Manual Integrations
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BP000514.D
Acq: 04 Oct 2019 18:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	20.3	30.5
265	21.8	18.0	27.0

