

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
 Data File : BF116286.D
 Acq On : 15 Aug 2019 18:56
 Operator : HP/JU
 Sample : K4333-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK

Manual Integrations
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Quant Time: Aug 16 11:12:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	115410	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	463882	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	254243	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	444643	20.00	ng	-0.03
76) Chrysene-d12	13.99	240	286294	20.00	ng	-0.02
87) Perylene-d12	15.44	264	313666	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	391151	56.74	ng	0.03
7) Phenol-d6	6.49	99	320348	36.83	ng	0.00
23) Nitrobenzene-d5	7.39	82	695246	86.51	ng	-0.03
42) 2,4,6-Tribromophenol	10.66	330	323659	131.30	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	1203981	88.70	ng	-0.03
79) Terphenyl-d14	12.93	244	1313510	96.68	ng	-0.02
Target Compounds						
10) Phenol	6.50	94	107274	10.473	ng	92
20) 3+4-Methylphenols	7.25	107	180909	23.683	ng	# 60
27) 2,4-Dimethylphenol	7.79	122	12537	2.037	ng	87
32) Benzoic acid	8.04	122	492065m	113.414	ng	
43) 2,4,6-Trichlorophenol	9.10	196	12909	2.759	ng	98
50) Dimethylphthalate	9.57	163	158630	9.163	ng	# 79
70) Pentachlorophenol	11.17	266	7477	2.798	ng	93
73) Carbazole	11.59	167	77602	3.718	ng	98

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

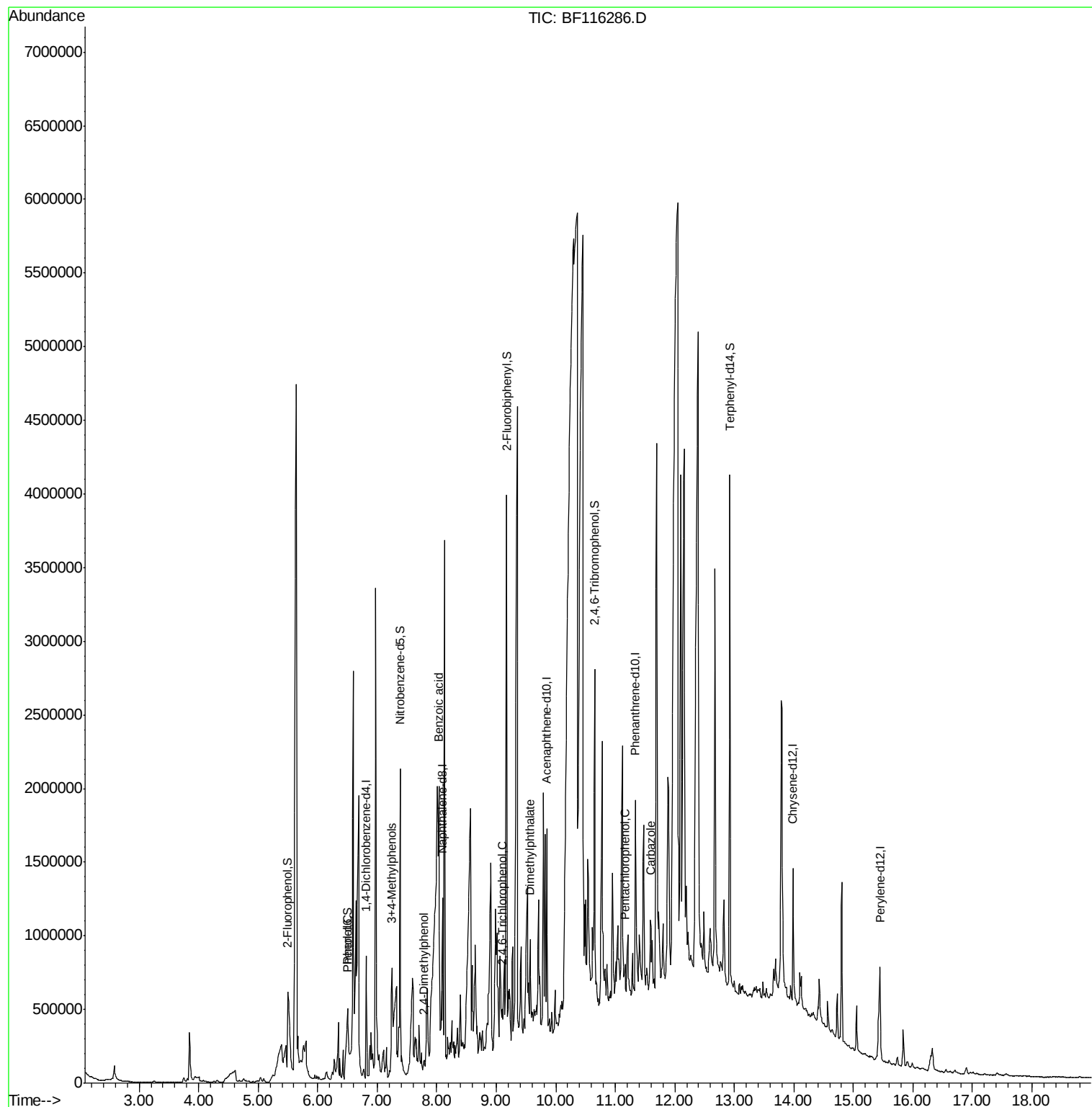
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
Data File : BF116286.D
Acq On : 15 Aug 2019 18:56
Operator : HP/JU
Sample : K4333-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

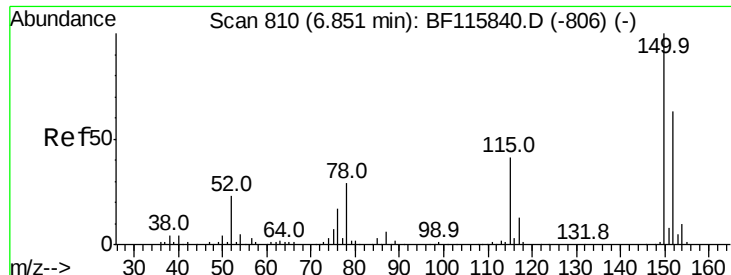
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK

Quant Time: Aug 16 11:12:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
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#1

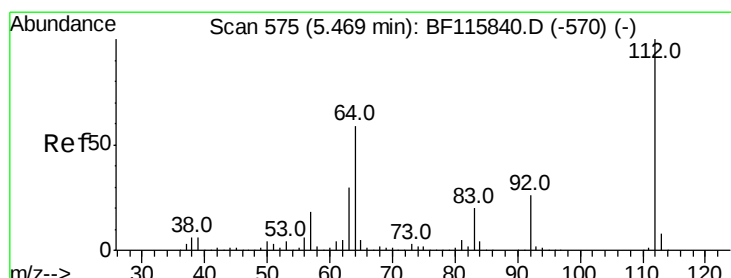
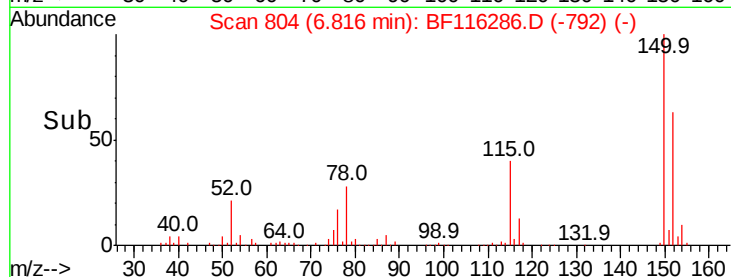
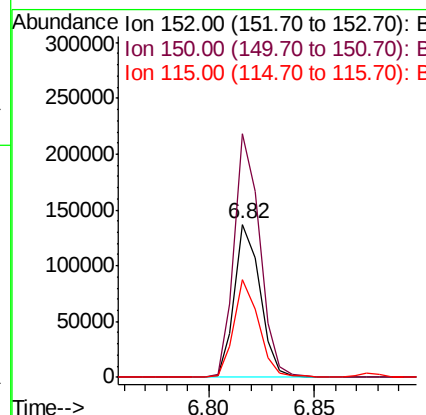
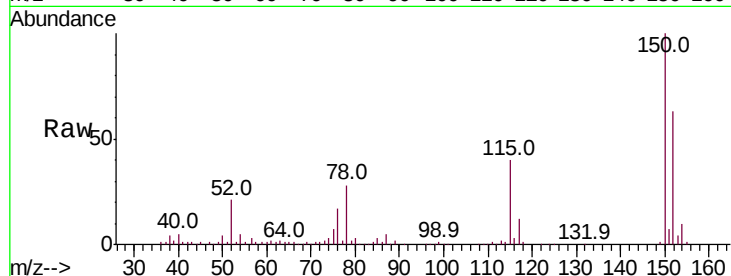
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF116286.D
Acq: 15 Aug 2019 18:56

Instrument :
BNA_F
ClientSampled :
FRAC-TANK

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	126.2	189.2
115	63.6	49.9	74.9

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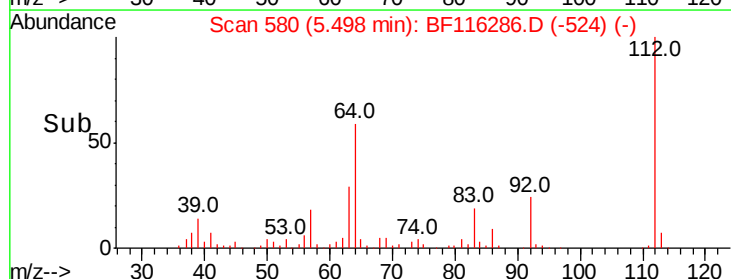
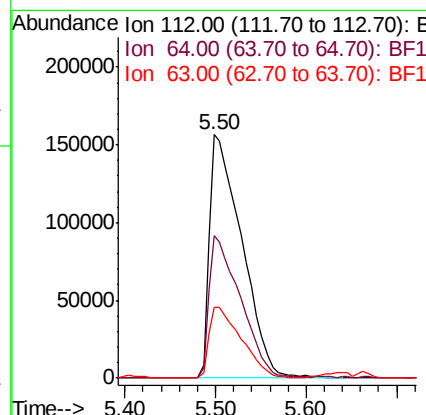
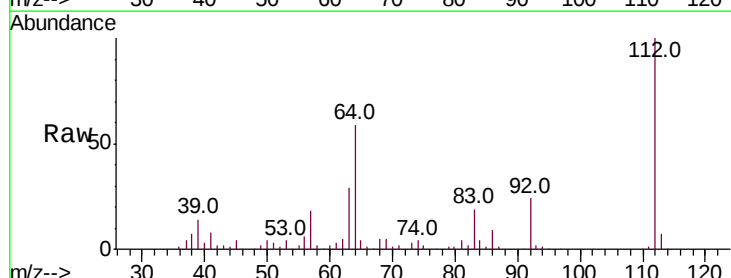
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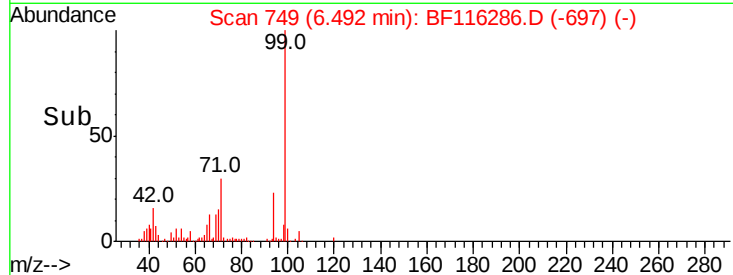
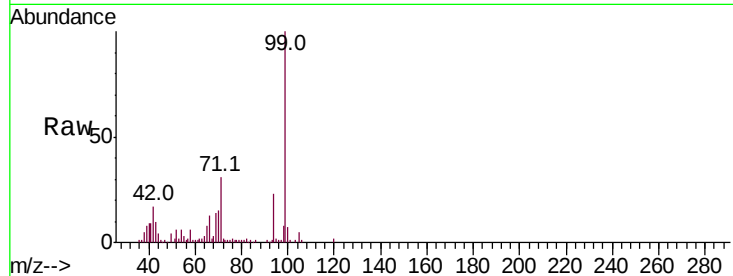


#5

2-Fluorophenol
Concen: 56.738 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.03 min
Lab File: BF116286.D
Acq: 15 Aug 2019 18:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	45.4	68.2
63	29.2	23.7	35.5





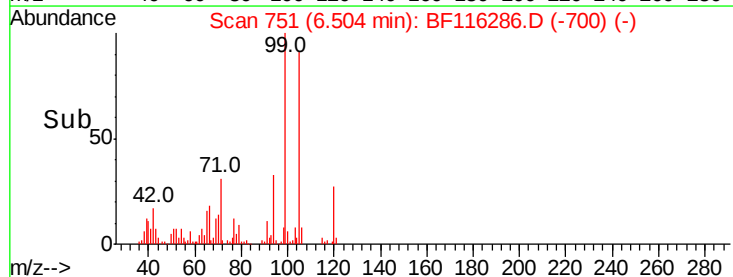
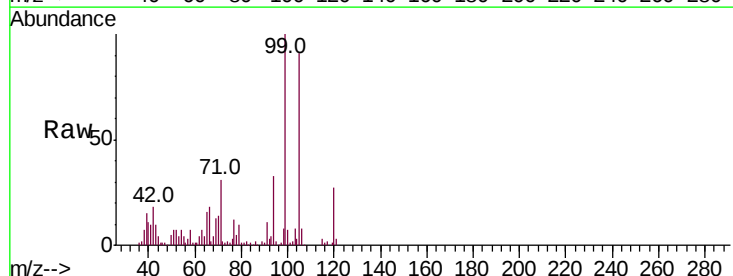
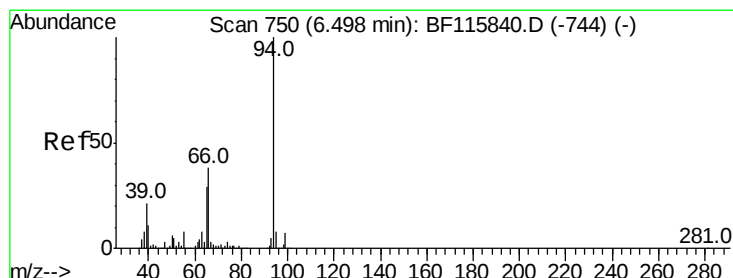
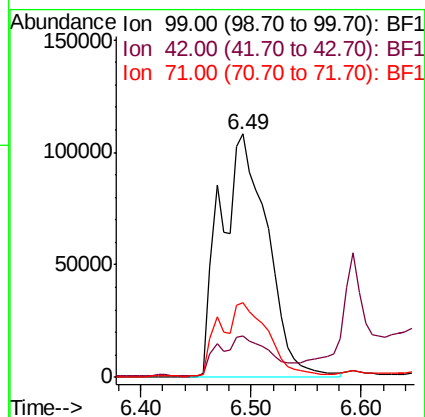
#7
Phenol-d6
Concen: 36.830 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.01 min
Lab File: BF116286.D
Acq: 15 Aug 2019 18:56

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		320348		
42	17.1	13.8	20.8		
71	30.8	27.3	40.9		

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK

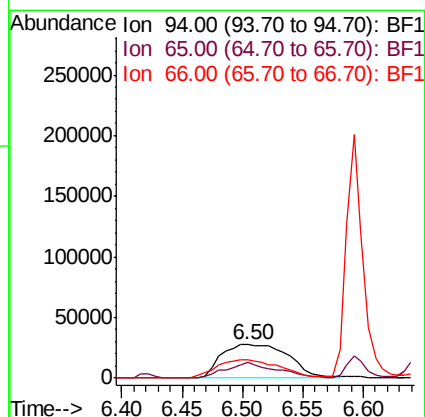
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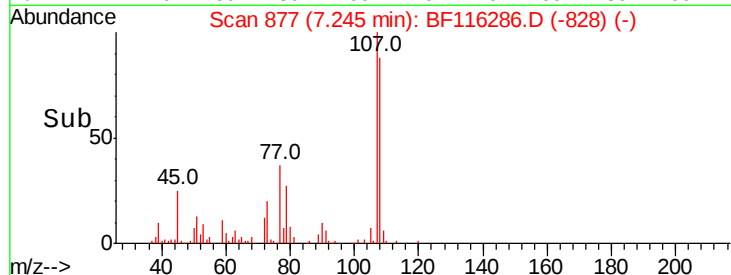
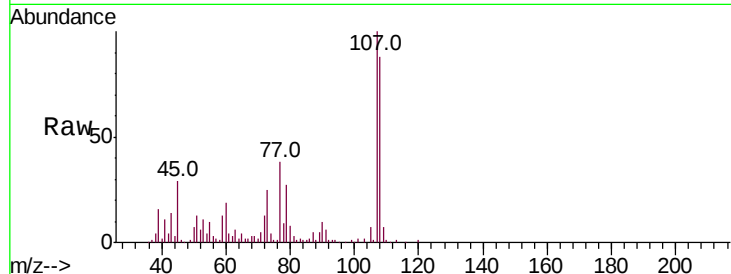
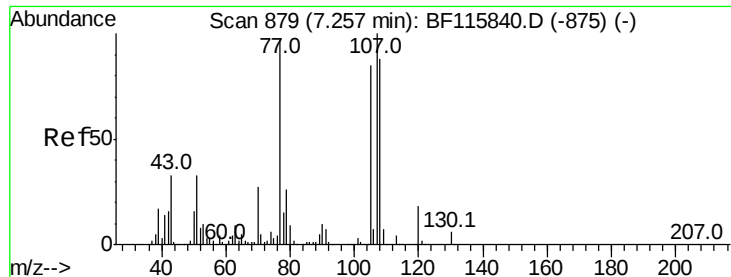
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#10
Phenol
Concen: 10.473 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF116286.D
Acq: 15 Aug 2019 18:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		107274		
65	46.9	16.8	56.8		
66	52.9	34.2	74.2		





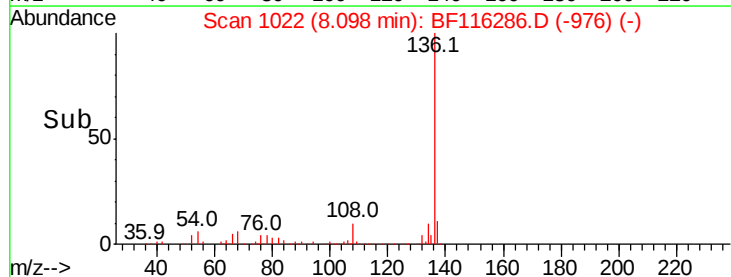
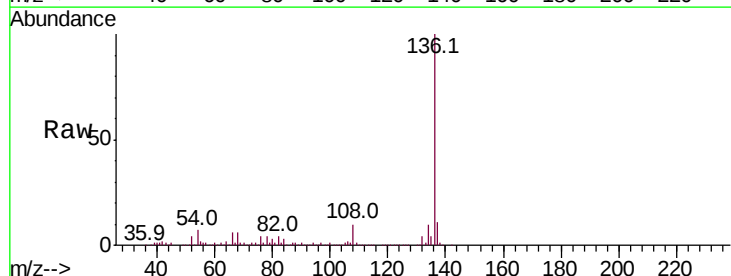
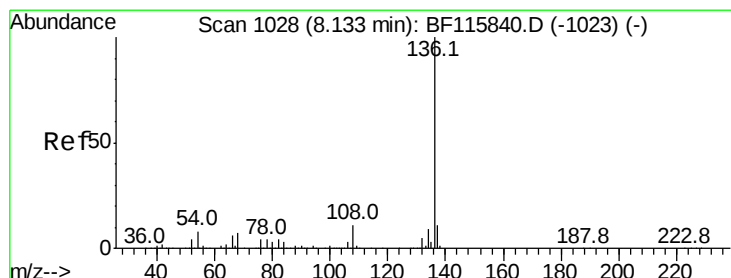
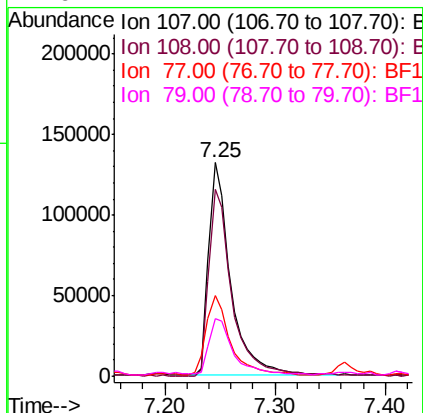
#20
3+4-Methylphenols
Concen: 23.683 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF116286.D
Acq: 15 Aug 2019 18:56

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	180909		
108	108	87.7	67.6	107.6	
77	77	37.6	104.4	144.4	#
79	79	27.1	7.4	47.4	

Instrument :
BNA_F
ClientSampleId :
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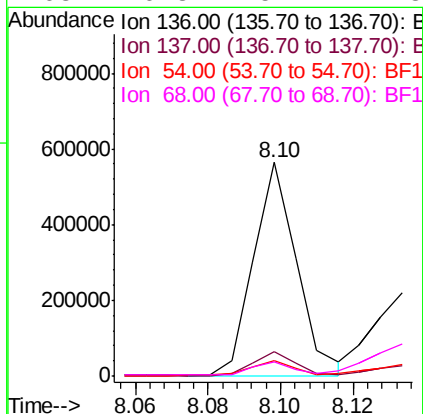
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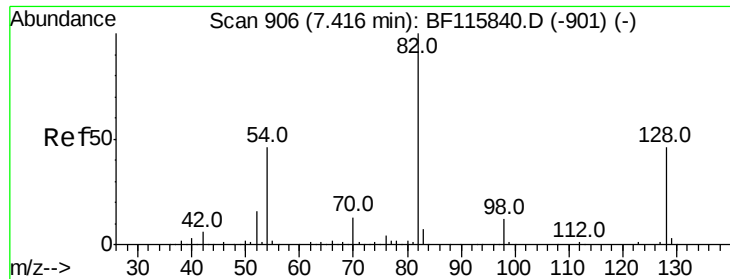
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF116286.D
Acq: 15 Aug 2019 18:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	136	100	463882		
137	137	11.2	9.0	13.4	
54	54	7.0	5.8	8.6	
68	68	6.3	5.2	7.8	





#23

Nitrobenzene-d5

Concen: 86.513 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.03 min

Lab File: BF116286.D

Acq: 15 Aug 2019 18:56

Instrument :

BNA_F

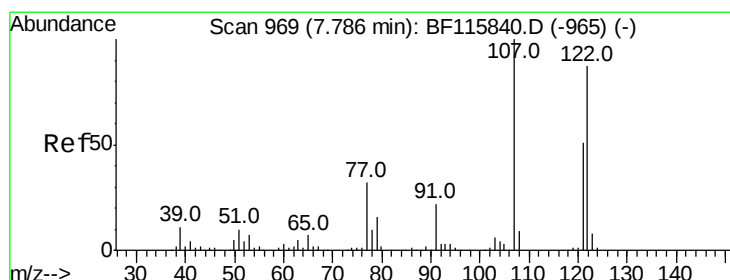
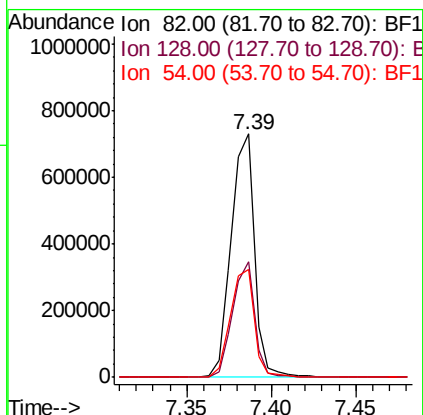
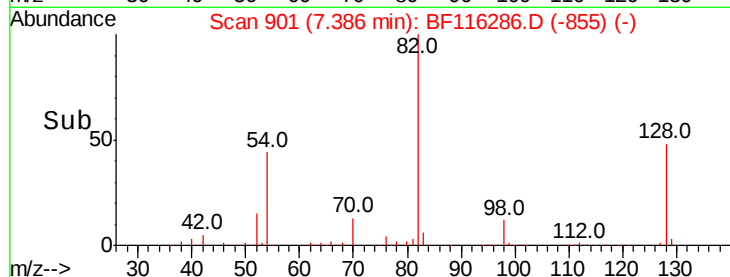
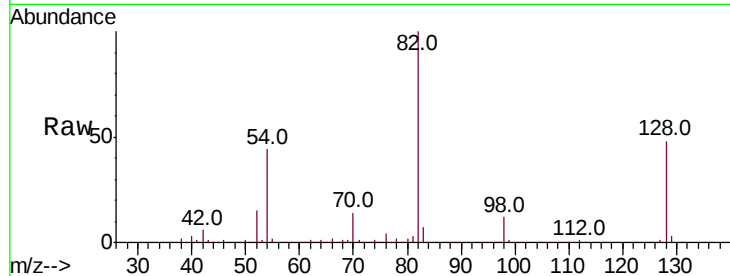
ClientSampleId :

FRAC-TANK

Tot Ion:	82	Resp:	695246
Ion Ratio	Lower	Upper	
82	100		
128	47.6	36.5	54.7
54	44.1	36.0	54.0

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#27

2,4-Dimethylphenol

Concen: 2.037 ng

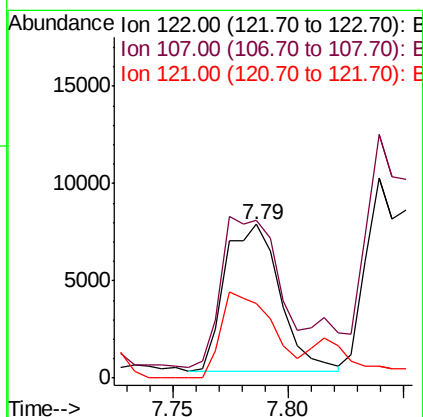
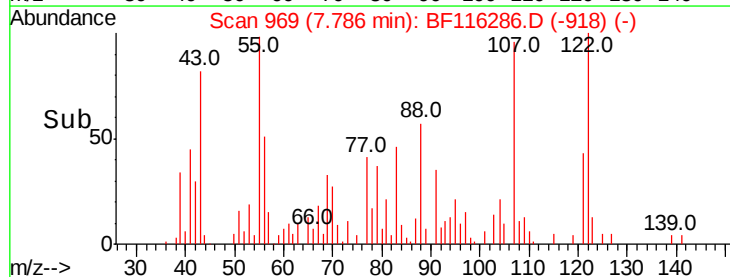
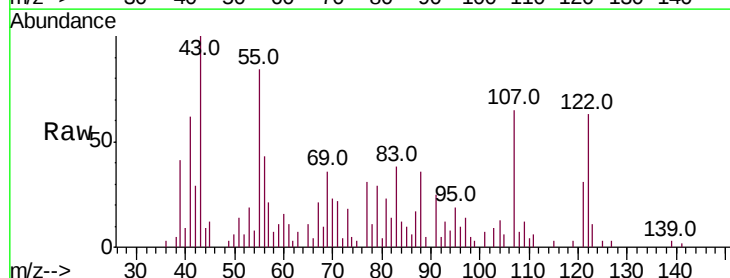
RT: 7.79 min Scan# 969

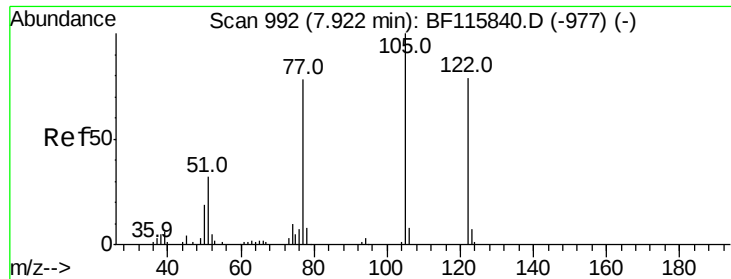
Delta R.T. -0.00 min

Lab File: BF116286.D

Acq: 15 Aug 2019 18:56

Tgt Ion:	122	Resp:	12537
Ion Ratio	Lower	Upper	
122	100		
107	102.8	93.0	139.6
121	48.5	47.6	71.4





#32

Benzoic acid

Concen: 113.414 ng/mL

RT: 8.04 min Scan# 1012

Delta R.T. 0.09 min

Lab File: BF116286.D

Acq: 15 Aug 2019 18:56

Instrument :

BNA_F

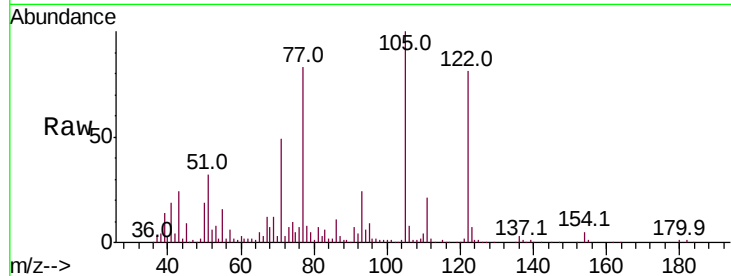
ClientSampleId :

FRAC-TANK

Tot Ion:	122	Resp:	492065
Ion Ratio	Lower	Upper	
122	100		
105	123.8	106.1	146.1
77	102.2	76.7	116.7

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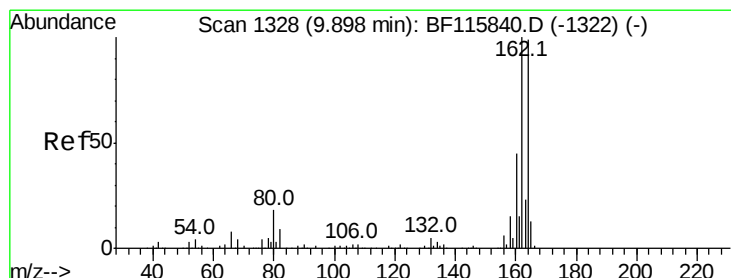
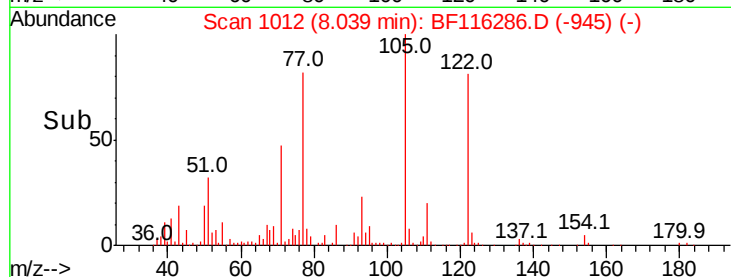
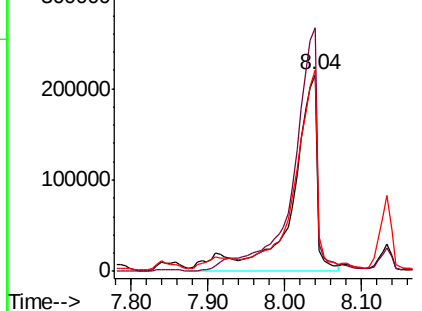
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

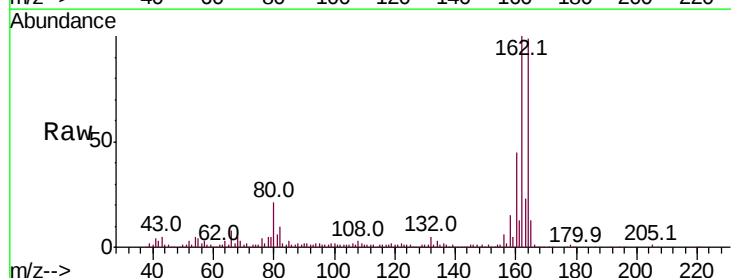
RT: 9.85 min Scan# 1320

Delta R.T. -0.04 min

Lab File: BF116286.D

Acq: 15 Aug 2019 18:56

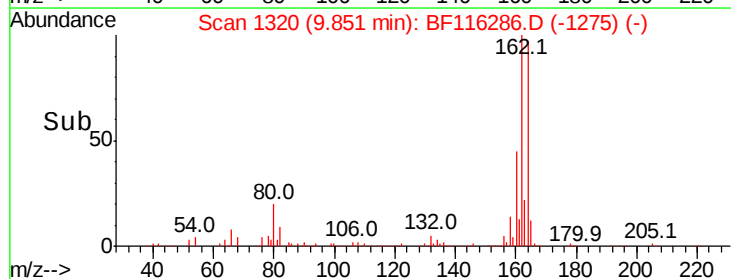
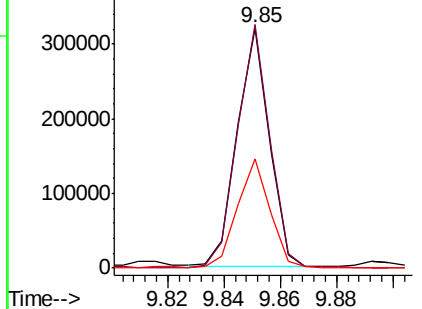
Tgt Ion:	164	Resp:	254243
Ion Ratio	Lower	Upper	
164	100		
162	101.5	82.6	124.0
160	45.4	37.6	56.4

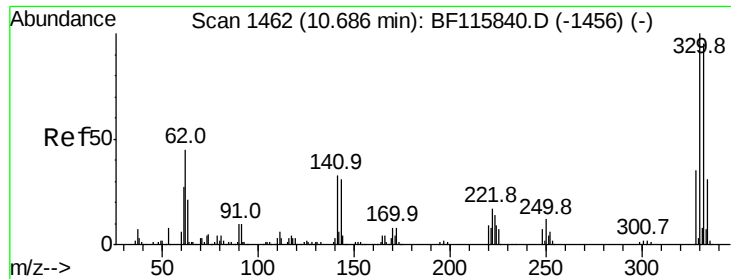


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 131.304 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.02 min

Lab File: BF116286.D

Acq: 15 Aug 2019 18:56

Instrument :

BNA_F

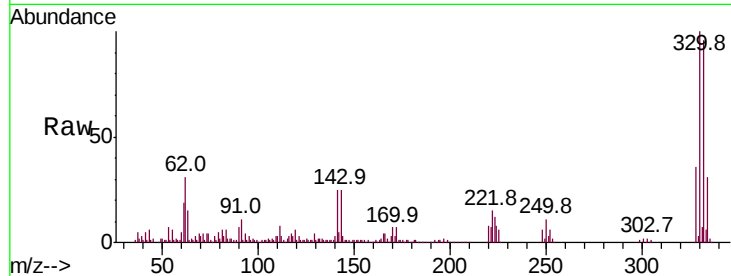
ClientSampleId :

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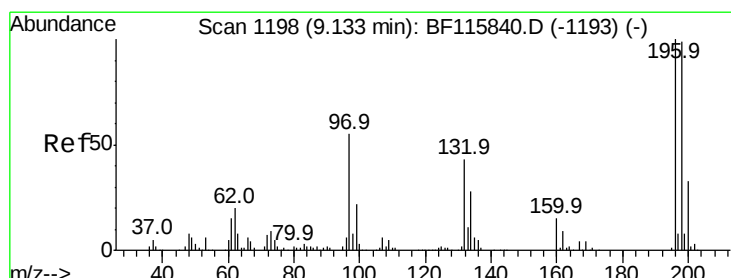
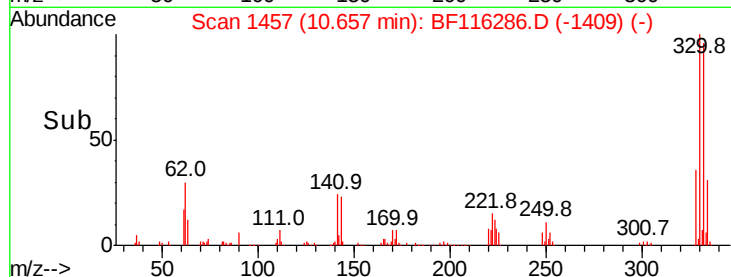
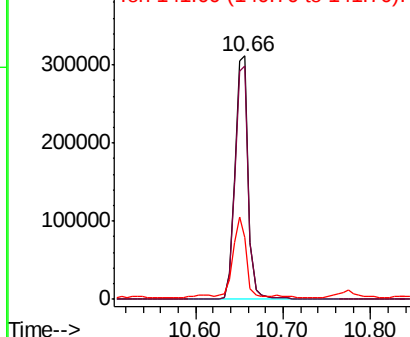
Tot Ion:	330	Resp:	323659
Ion Ratio	Lower	Upper	
330	100		
332	96.6	76.8	115.2
141	31.7	26.3	39.5

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#43

2,4,6-Trichlorophenol

Concen: 2.759 ng

RT: 9.10 min Scan# 1193

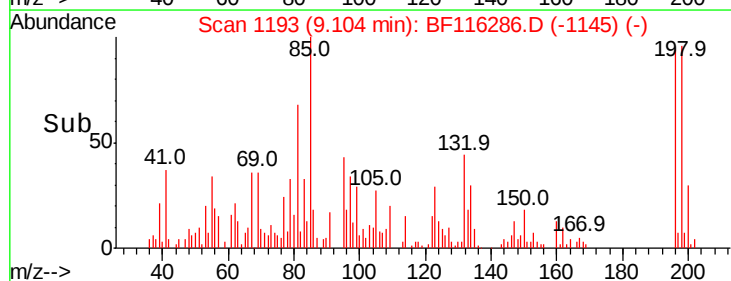
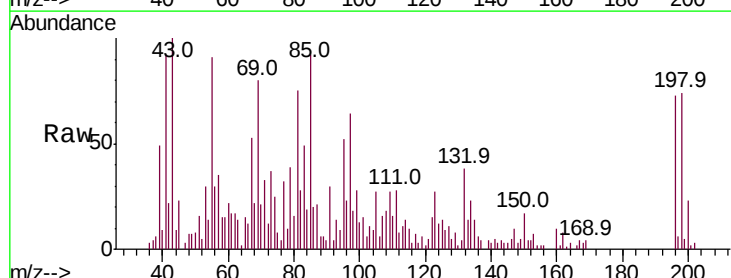
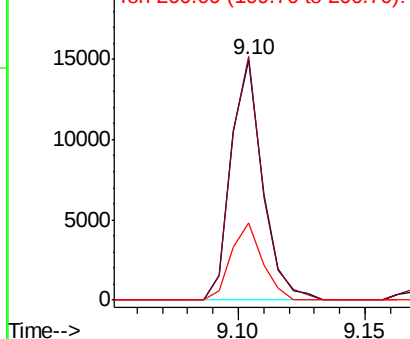
Delta R.T. -0.02 min

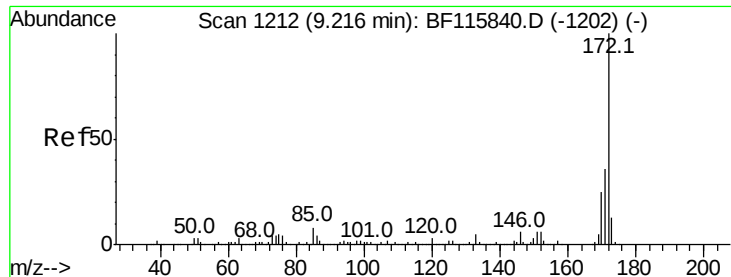
Lab File: BF116286.D

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Tgt Ion:	196	Resp:	12909
Ion Ratio	Lower	Upper	
196	100		
198	101.4	79.2	118.8
200	32.2	25.2	37.8

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





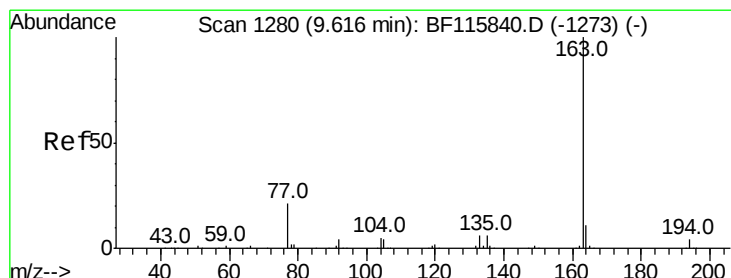
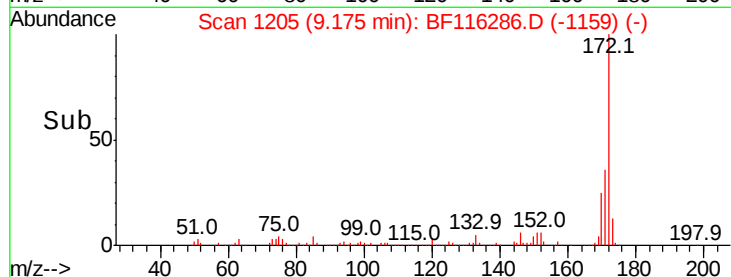
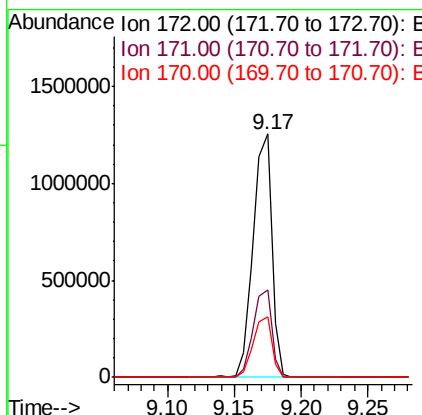
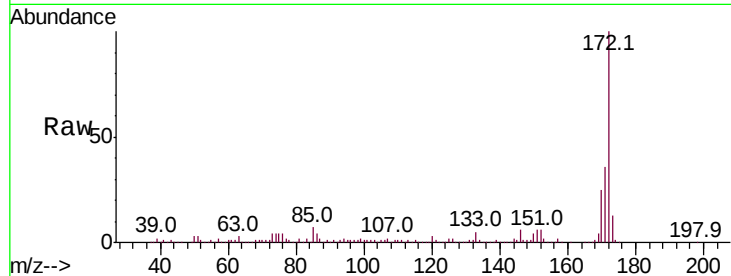
#45
2-Fluorobiphenyl
Concen: 88.700 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF116286.D
Acq: 15 Aug 2019 18:56

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.6	20.1	30.1

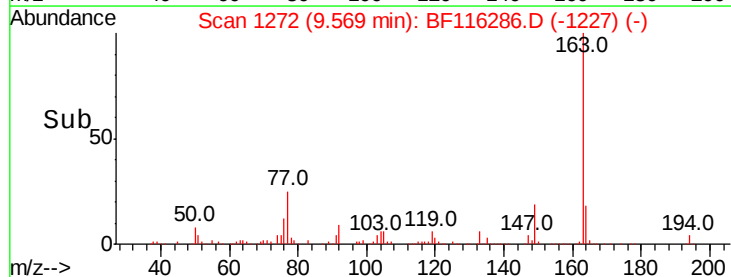
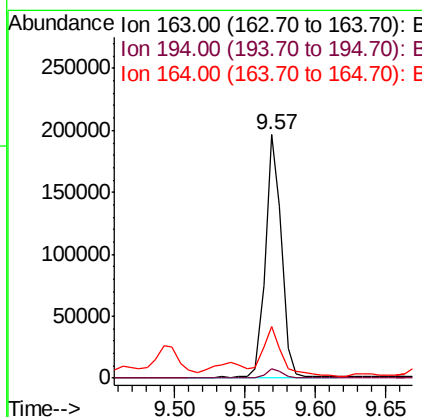
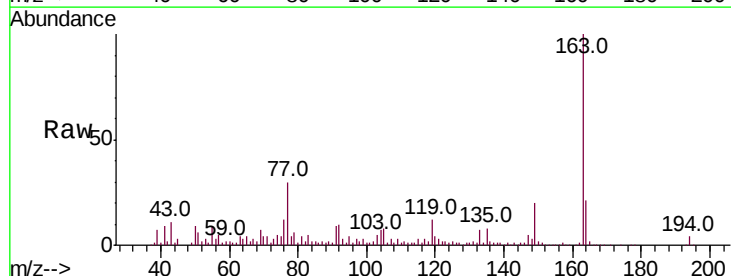
Manual Integrations
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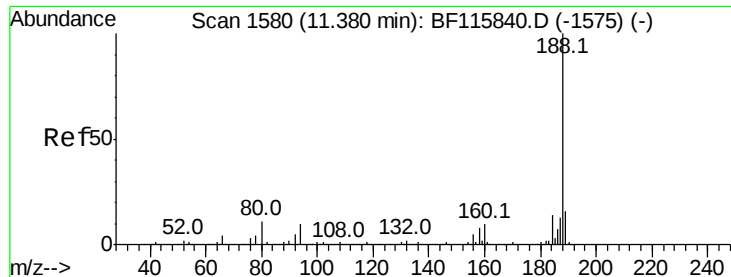
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#50
Dimethylphthalate
Concen: 9.163 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.04 min
Lab File: BF116286.D
Acq: 15 Aug 2019 18:56

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.6
164	21.1	8.4	12.6#





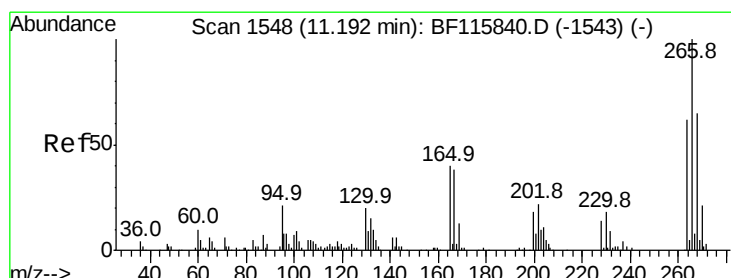
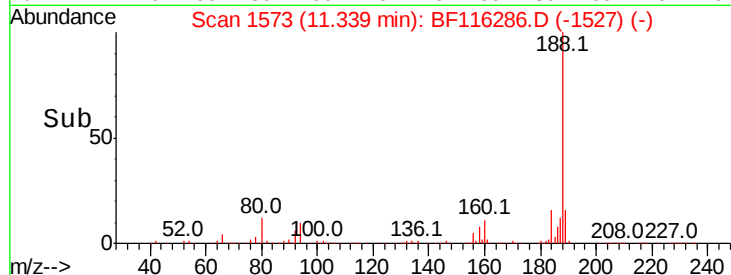
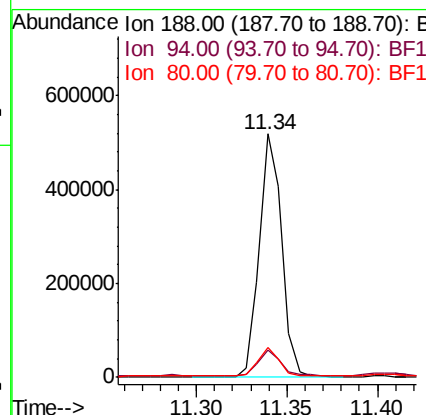
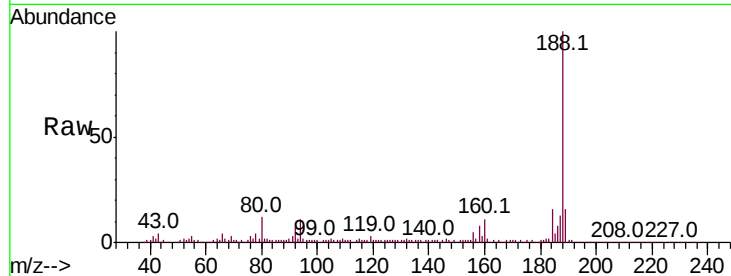
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BF116286.D
Acq: 15 Aug 2019 18:56

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK

Tot Ion	Ratio	Resp	Lower	Upper
188	100	444643		
94	11.2	8.1	12.1	
80	12.2	8.7	13.1	

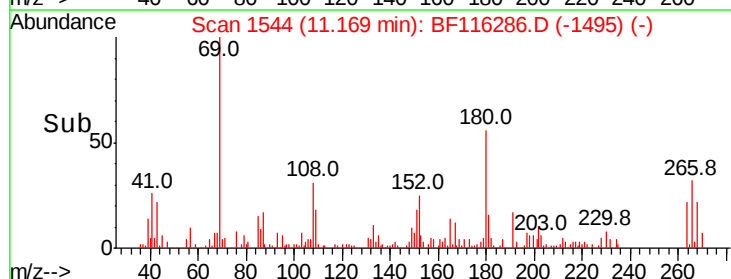
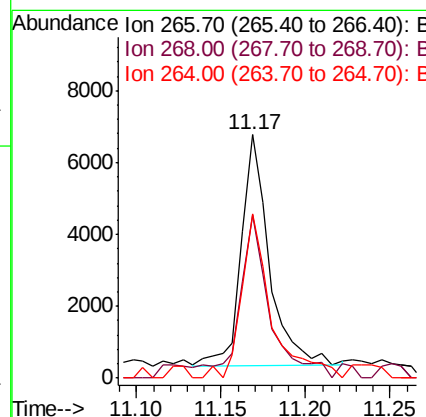
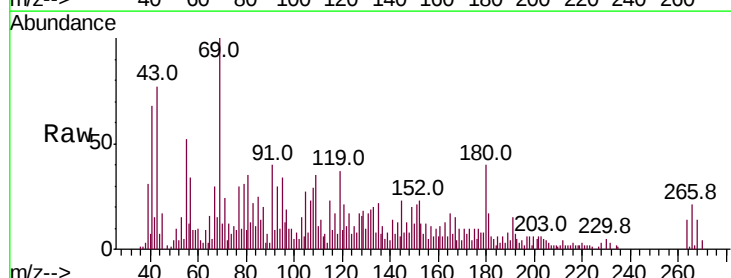
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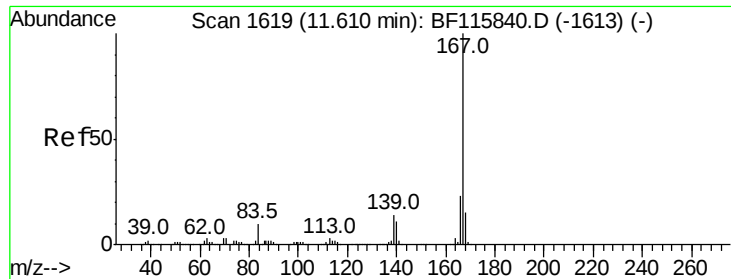
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#70
Pentachlorophenol
Concen: 2.798 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF116286.D
Acq: 15 Aug 2019 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	7477		
268	67.1	48.8	73.2	
264	67.6	50.6	76.0	





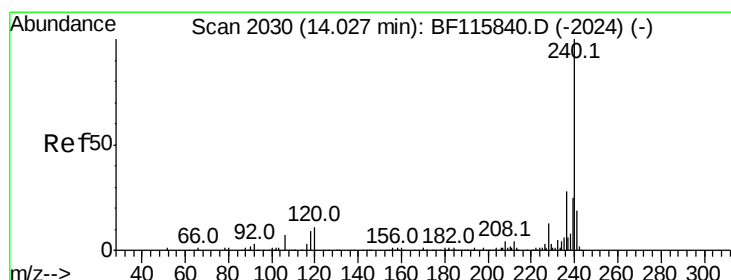
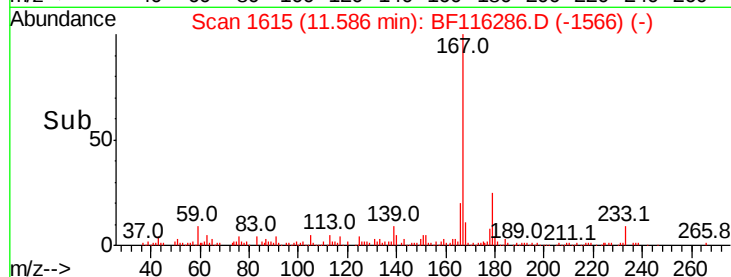
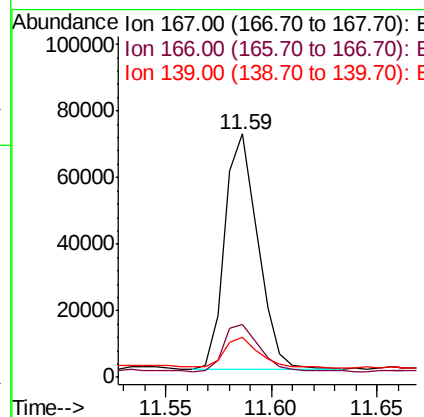
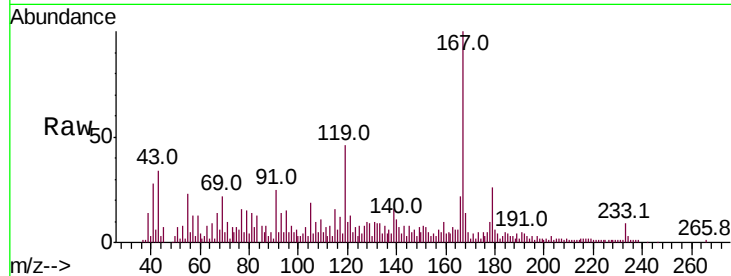
#73
 Carbazole
 Concen: 3.718 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF116286.D
 Acq: 15 Aug 2019 18:56

Instrument :
 BNA_F
 ClientSampled :
 FRAC-TANK

Tot Ion:	167	Resp:	77602
Ion Ratio	Lower	Upper	
167	100		
166	21.9	17.8	26.6
139	16.3	11.4	17.0

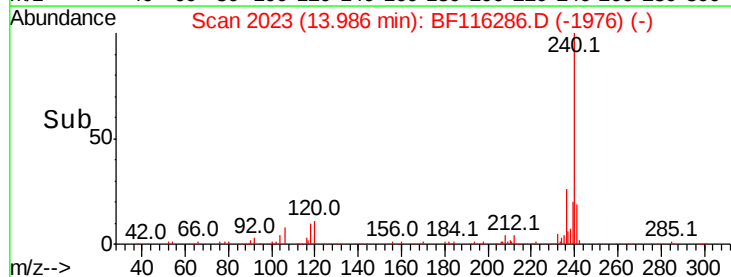
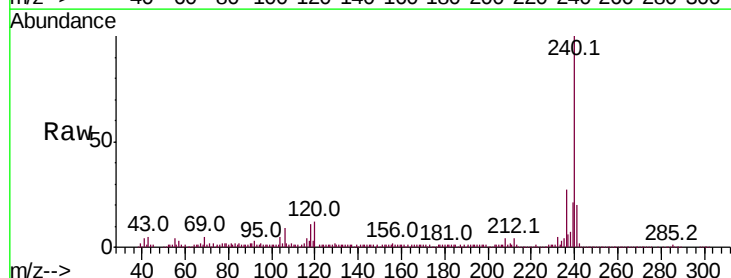
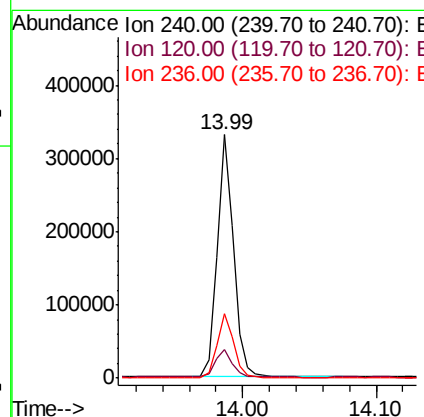
Manual Integrations
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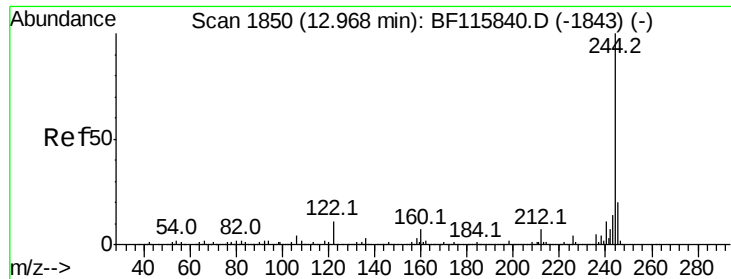
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.02 min
 Lab File: BF116286.D
 Acq: 15 Aug 2019 18:56

Tgt Ion:	240	Resp:	286294
Ion Ratio	Lower	Upper	
240	100		
120	12.0	10.7	16.1
236	26.6	22.2	33.2





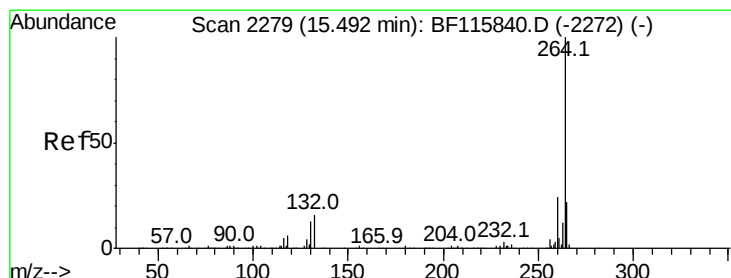
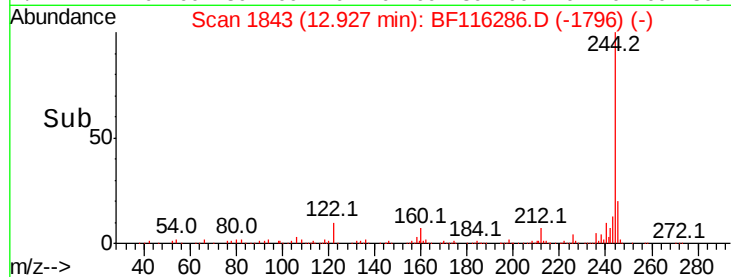
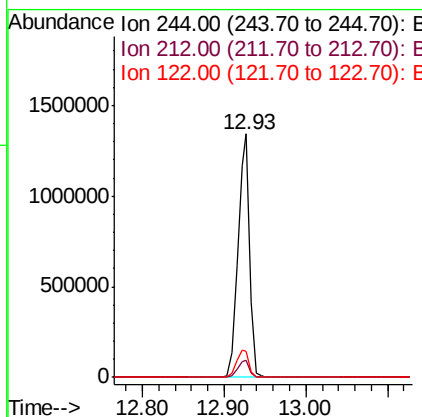
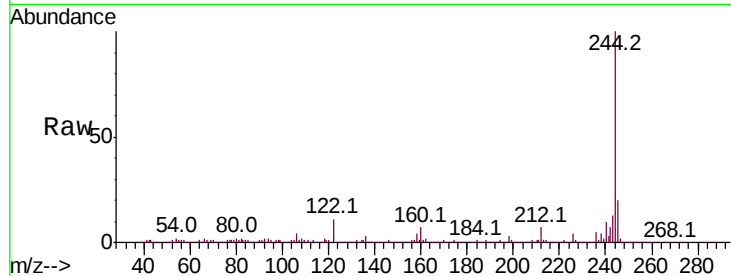
#79
 Terphenyl-d14
 Concen: 96.676 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.02 min
 Lab File: BF116286.D
 Acq: 15 Aug 2019 18:56

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	10.7	9.0	13.4

Manual Integrations
 APPROVED

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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.03 min
 Lab File: BF116286.D
 Acq: 15 Aug 2019 18:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	22.1	17.4	26.0

