

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091719\
 Data File : BP000271.D
 Acq On : 17 Sep 2019 14:36
 Operator : HP/JU
 Sample : K4897-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RT-3425

Manual Integrations
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mohammad
 9/19/2019 4:46:01 PM

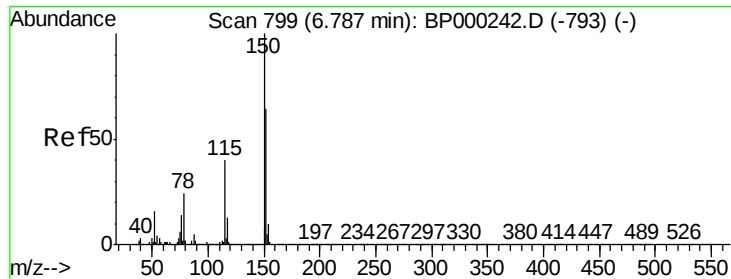
Quant Time: Sep 18 07:52:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 16 18:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	317986	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1130831	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	523662	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	713610	20.00	ng	0.01
76) Chrysene-d12	14.00	240	786983	20.00	ng	0.00
87) Perylene-d12	15.49	264	744494	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	1507795	81.86	ng	0.01
7) Phenol-d6	6.43	99	1915660	84.84	ng	0.00
23) Nitrobenzene-d5	7.35	82	945427	53.94	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	478514	92.13	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2312143	79.47	ng	0.00
79) Terphenyl-d14	12.95	244	2040270	54.39	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.44	94	97638	3.806	ng	99
50) Dimethylphthalate	9.55	163	293354	8.222	ng	# 94
71) Phenanthrene	11.36	178	98075	2.743	ng	# 23
75) Fluoranthene	12.57	202	189181	4.927	ng	85
78) Pyrene	12.80	202	182779	3.104	ng	# 88
81) Benzo(a)anthracene	13.99	228	99708	2.006	ng	# 87
83) Chrysene	14.03	228	115184	2.360	ng	# 95
84) Bis(2-ethylhexyl)phthalate	13.99	149	362753	11.169	ng	99
88) Benzo(b)fluoranthene	15.05	252	138499m	3.118	ng	

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.01 min

Lab File: BP000271.D

Acq: 17 Sep 2019 14:36

Instrument :

BNA_P

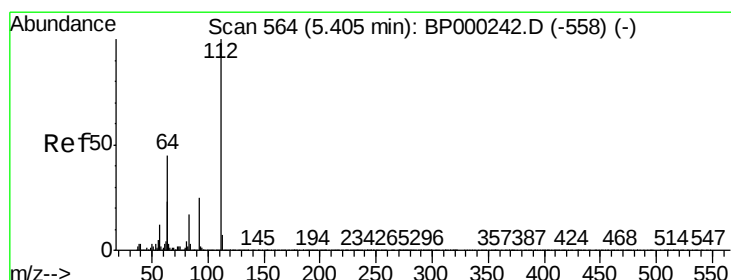
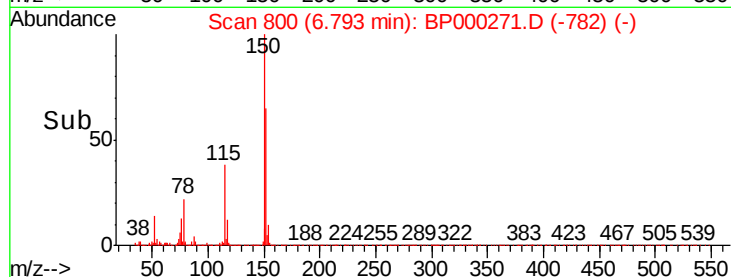
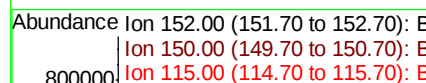
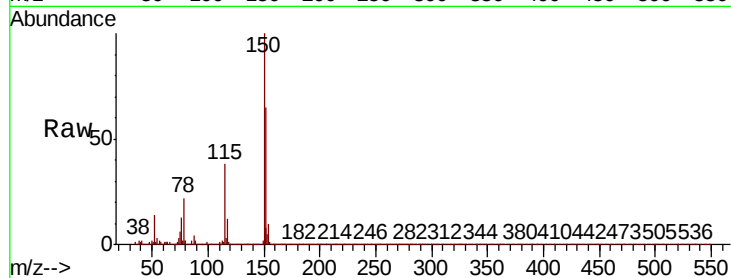
ClientSampleId :

RT-3425

Tot Ion:	152	Resp:	317986
Ion Ratio	Lower	Upper	
152	100		
150	154.2	125.2	187.8
115	58.3	49.7	74.5

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#5

2-Fluorophenol

Concen: 81.858 ng

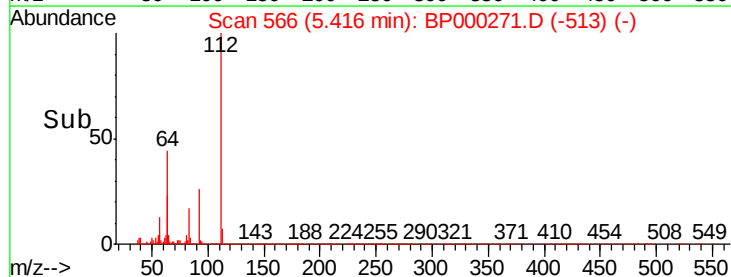
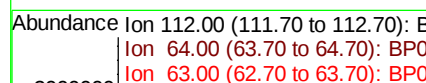
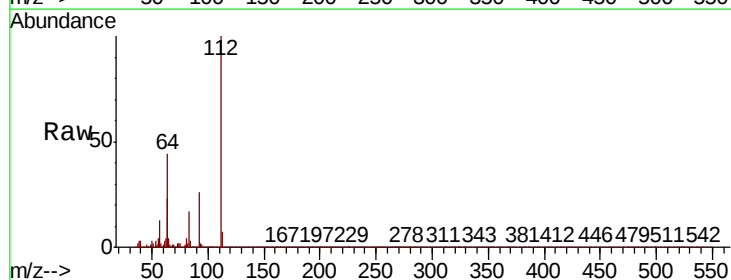
RT: 5.42 min Scan# 566

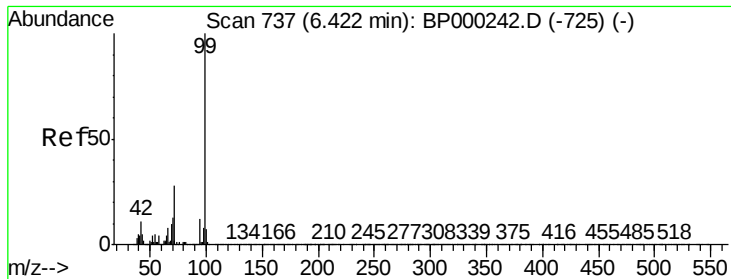
Delta R.T. 0.01 min

Lab File: BP000271.D

Acq: 17 Sep 2019 14:36

Tgt Ion:	112	Resp:	1507795
Ion Ratio	Lower	Upper	
112	100		
64	44.4	36.2	54.4
63	23.2	18.3	27.5





#7

Phenol-d6

Concen: 84.844 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000271.D

Acq: 17 Sep 2019 14:36

Instrument :

BNA_P

ClientSampled :

RT-3425

Tot Ion: 99 Resp: 1915660

Ion Ratio Lower Upper

99 100

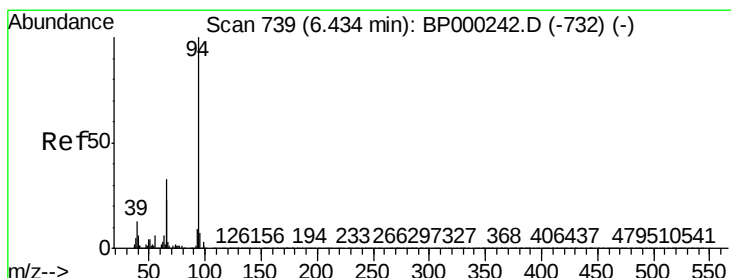
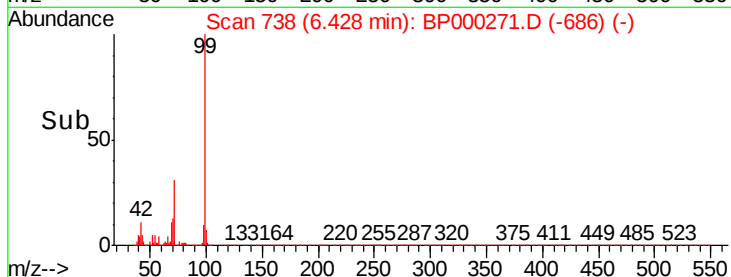
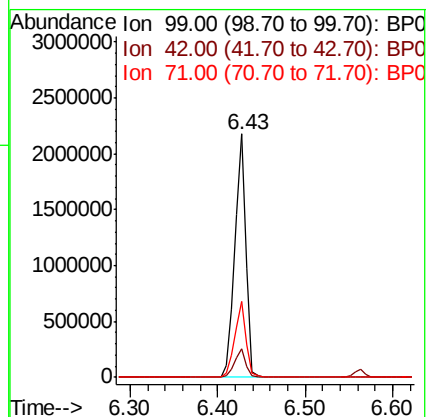
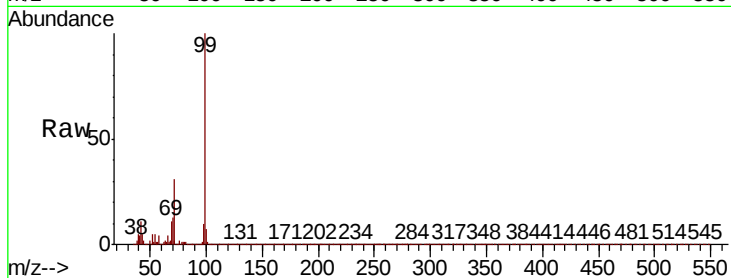
42 11.5 8.5 12.7

71 31.2 22.6 34.0

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#10

Phenol

Concen: 3.806 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BP000271.D

Acq: 17 Sep 2019 14:36

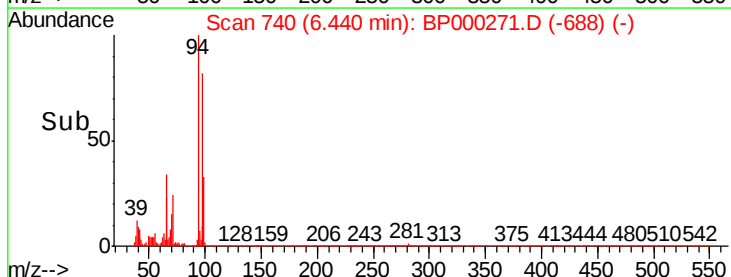
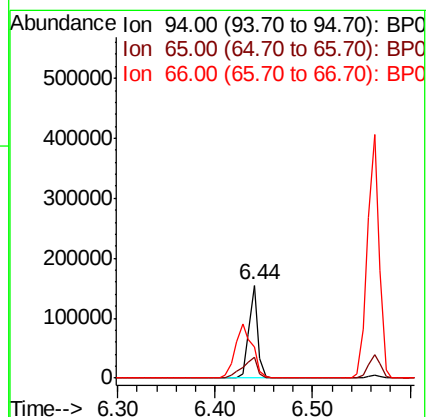
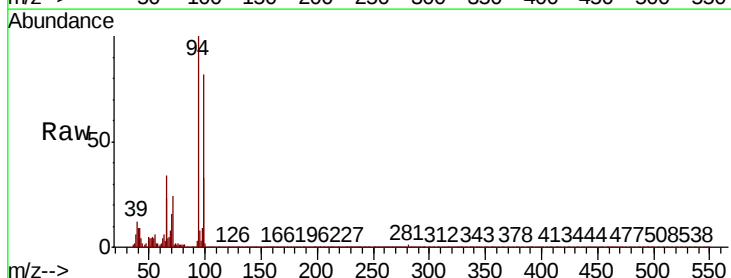
Tgt Ion: 94 Resp: 97638

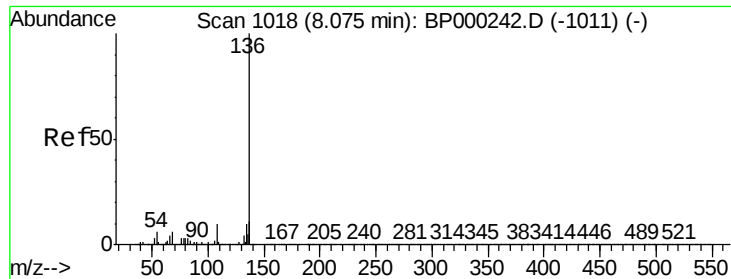
Ion Ratio Lower Upper

94 100

65 22.9 3.3 43.3

66 33.6 12.7 52.7





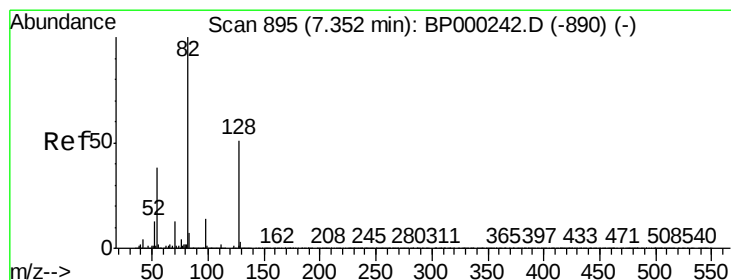
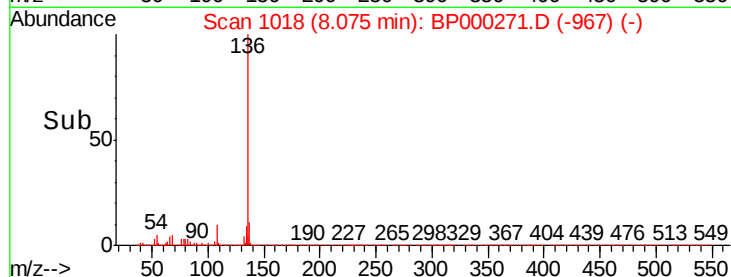
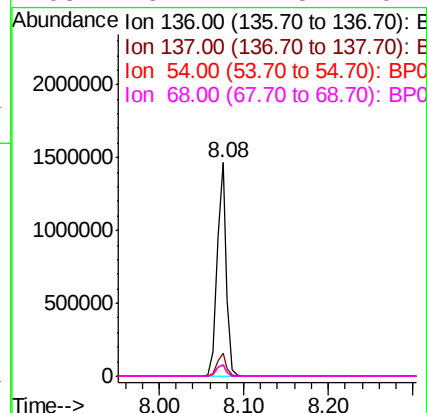
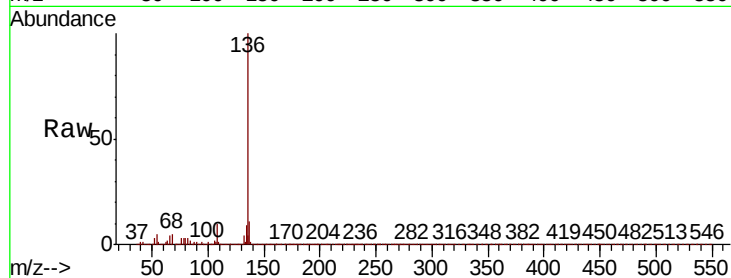
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000271.D
Acq: 17 Sep 2019 14:36

Instrument :
BNA_P
ClientSampleId :
RT-3425

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.0	8.6	13.0		
54	5.3	4.5	6.7		
68	5.2	4.5	6.7		

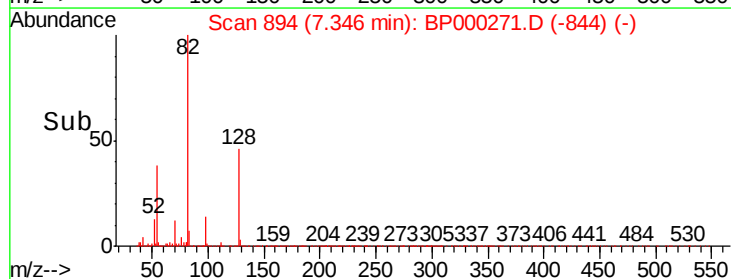
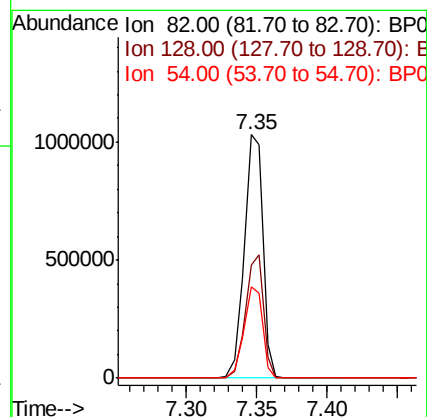
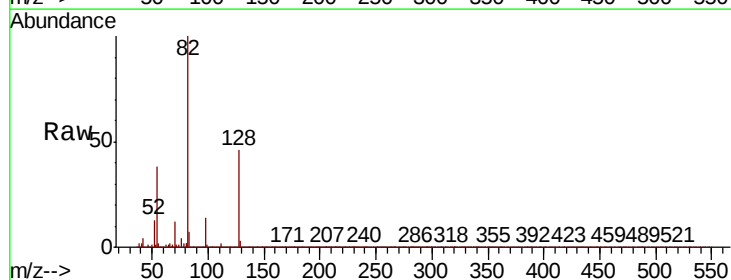
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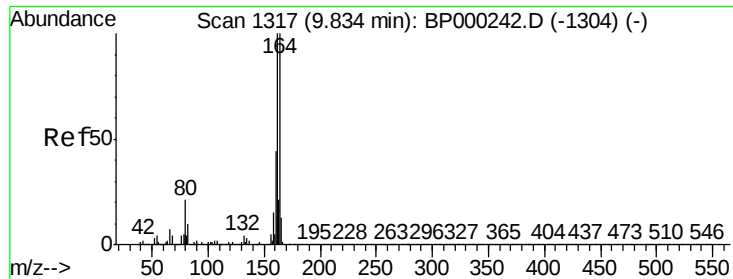
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#23
Nitrobenzene-d5
Concen: 53.941 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000271.D
Acq: 17 Sep 2019 14:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	46.5	40.7	61.1		
54	37.6	30.1	45.1		





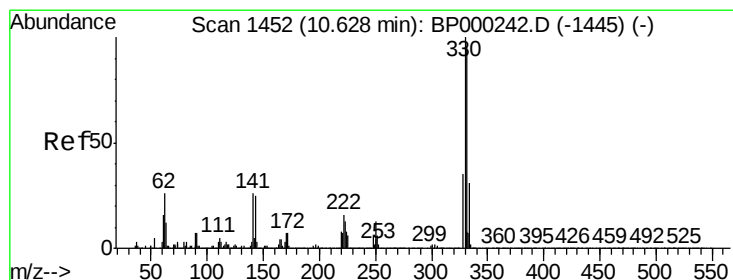
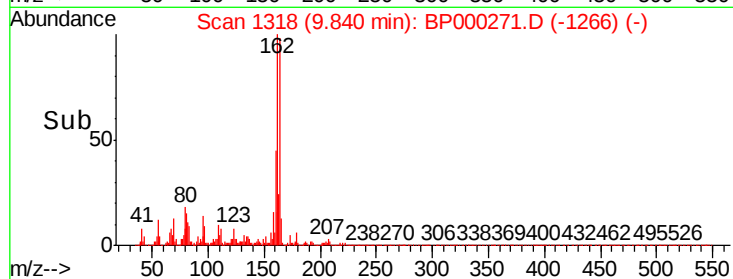
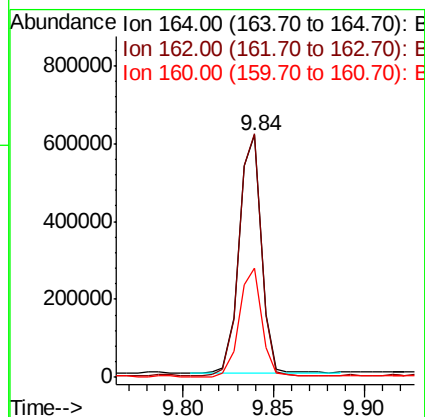
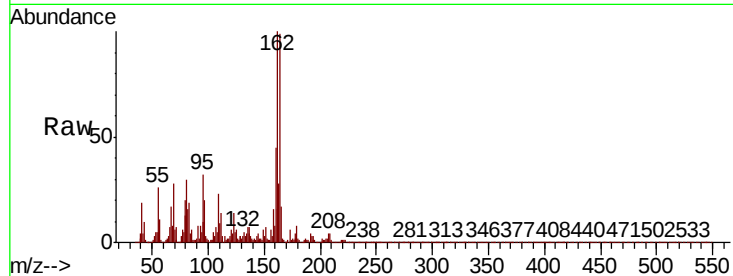
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BP000271.D
Acq: 17 Sep 2019 14:36

Instrument :
BNA_P
ClientSampleId :
RT-3425

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.6	79.9	119.9
160	45.1	35.6	53.4

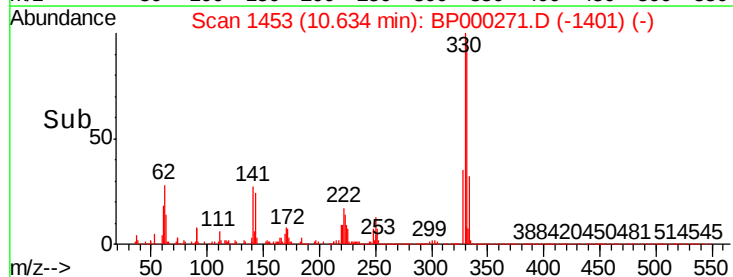
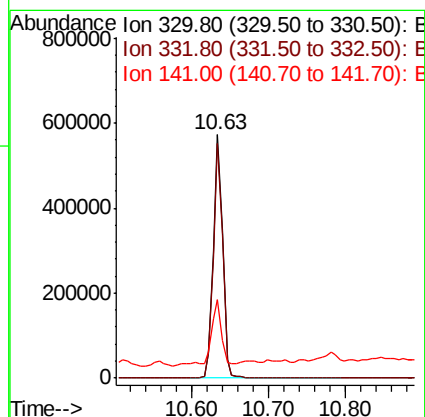
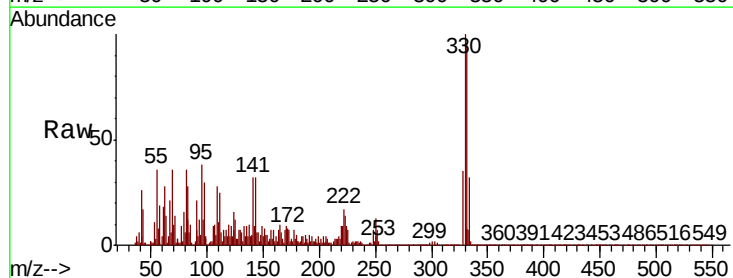
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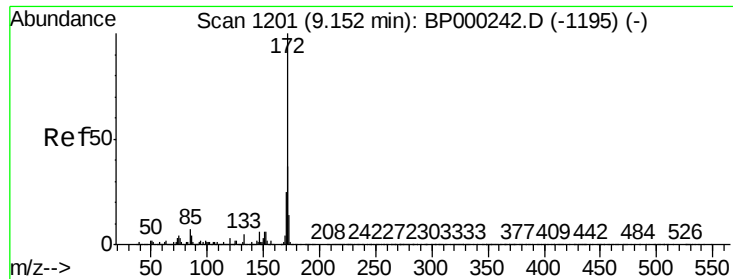
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#42
2,4,6-Tribromophenol
Concen: 92.128 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BP000271.D
Acq: 17 Sep 2019 14:36

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	30.3	26.5	39.7





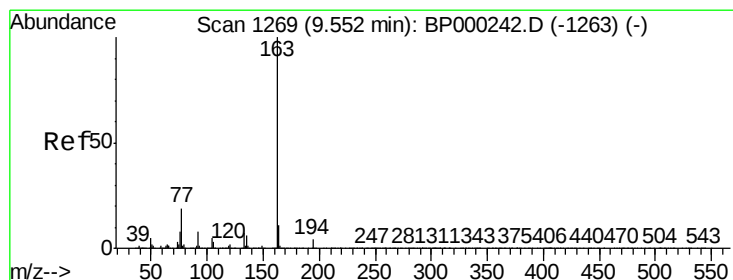
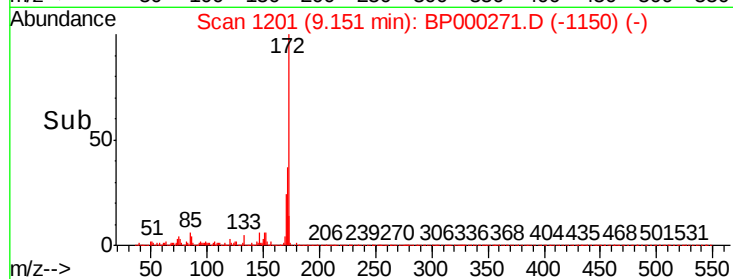
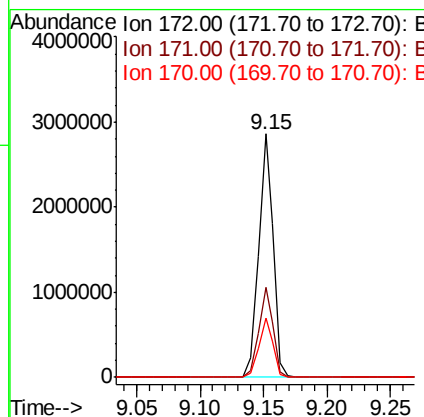
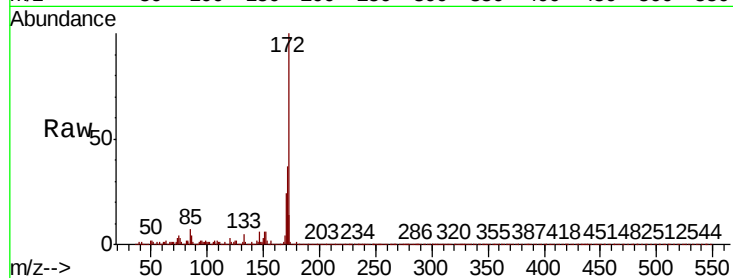
#45
2-Fluorobiphenyl
Concen: 79.468 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000271.D
Acq: 17 Sep 2019 14:36

Instrument :
BNA_P
ClientSampleId :
RT-3425

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.8	44.6
170	24.2	19.8	29.6

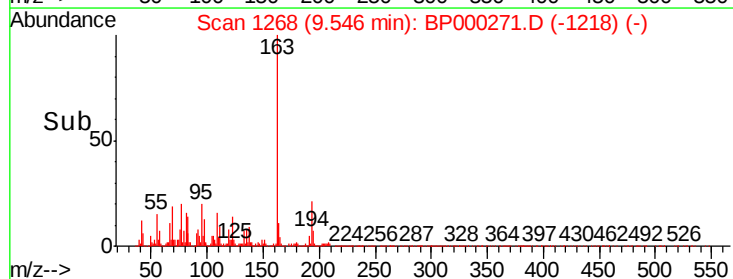
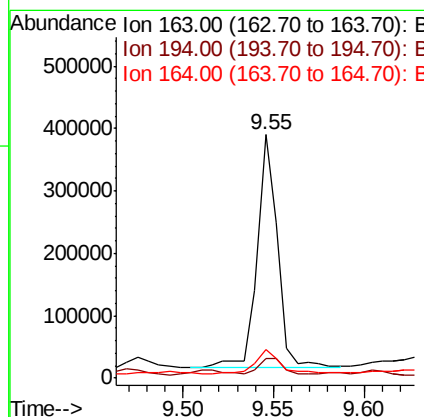
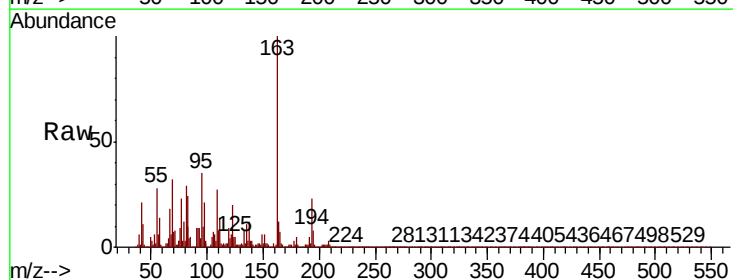
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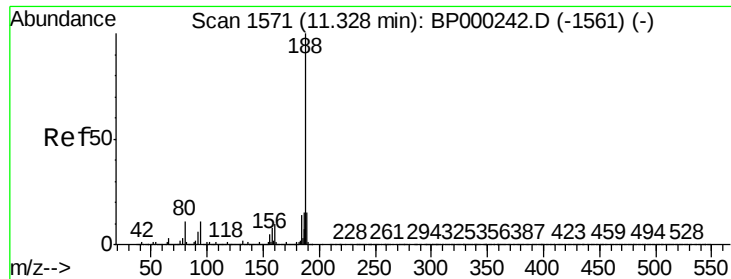
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#50
Dimethylphthalate
Concen: 8.222 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000271.D
Acq: 17 Sep 2019 14:36

Tgt Ion	Ratio	Lower	Upper
163	100		
194	8.0	3.4	5.0#
164	11.9	8.5	12.7





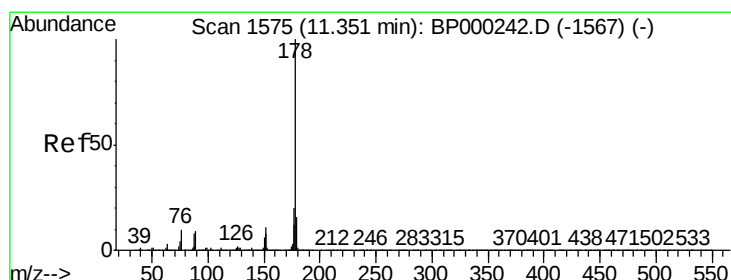
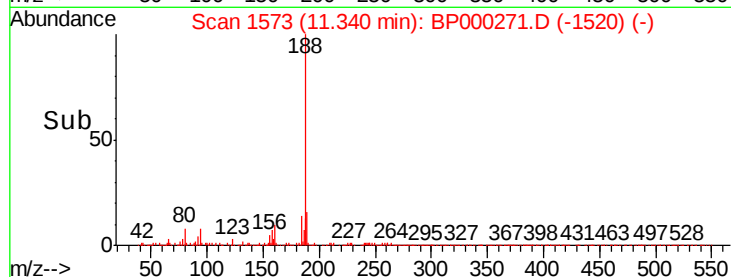
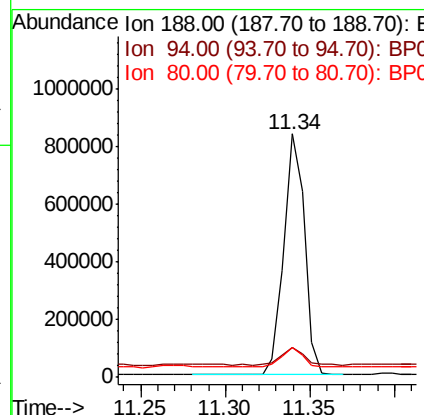
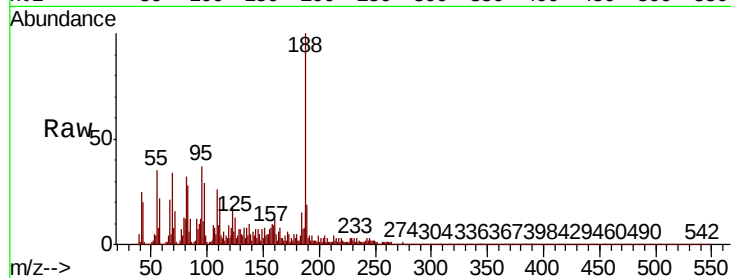
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BP000271.D
Acq: 17 Sep 2019 14:36

Instrument :
BNA_P
ClientSampled :
RT-3425

Tot Ion	Ratio	Resp	Lower	Upper
188	100	713610		
94	12.5		8.5	12.7
80	12.3		8.6	13.0

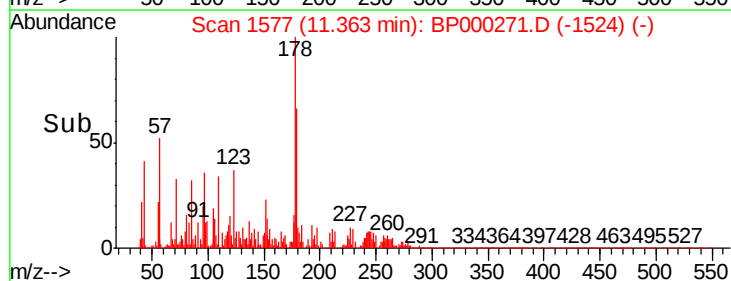
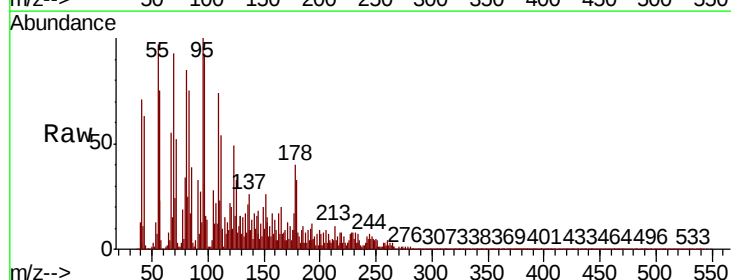
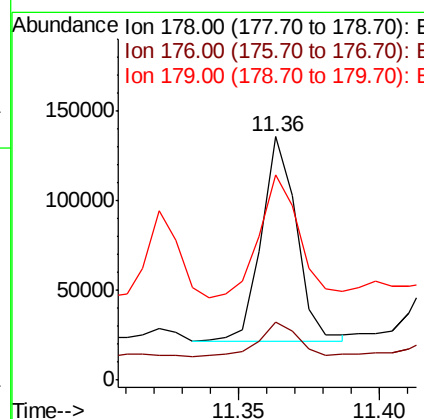
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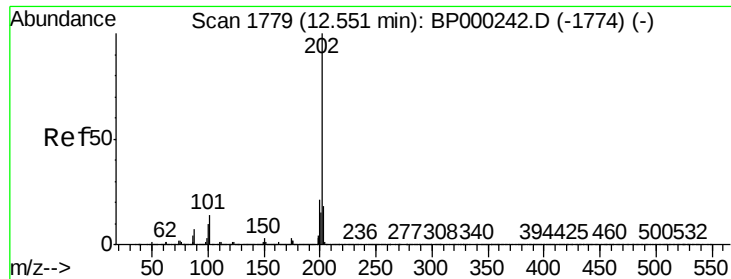
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#71
Phenanthrene
Concen: 2.743 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.01 min
Lab File: BP000271.D
Acq: 17 Sep 2019 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	98075		
176	23.8		15.8	23.8#
179	84.5		12.7	19.1#





#75

Fluoranthene

Concen: 4.927 ng

RT: 12.57 min Scan# 1782

Delta R.T. 0.02 min

Lab File: BP000271.D

Acq: 17 Sep 2019 14:36

Instrument :

BNA_P

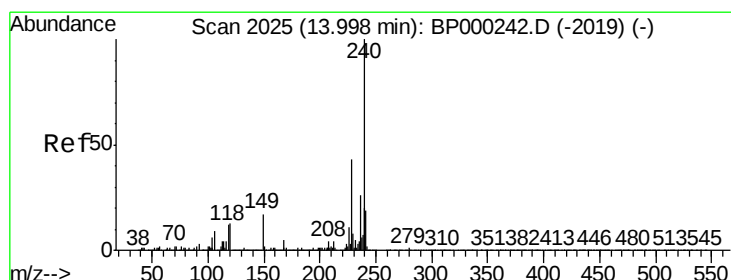
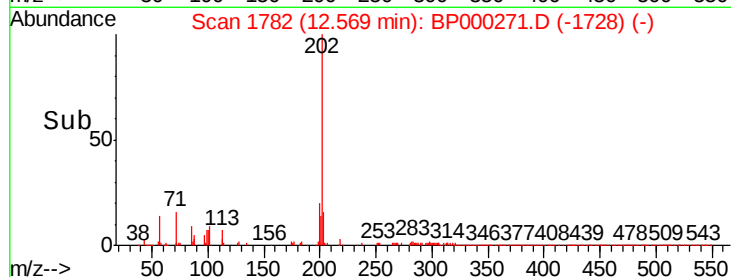
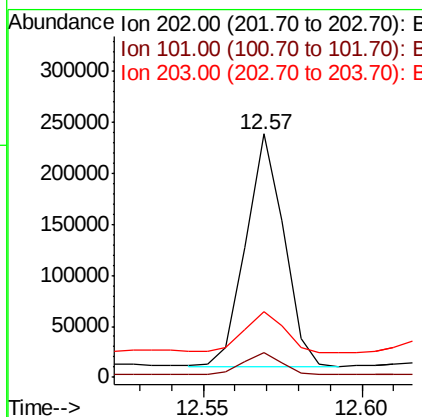
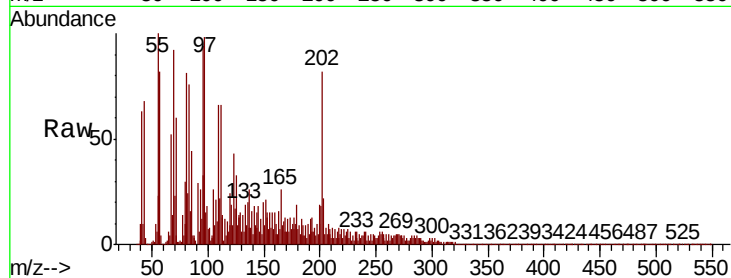
ClientSampleId :

RT-3425

Tot Ion:	202	Resp:	189181
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	33.9
203	26.8	0.0	38.0

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#76

Chrysene-d12

Concen: 20.000 ng

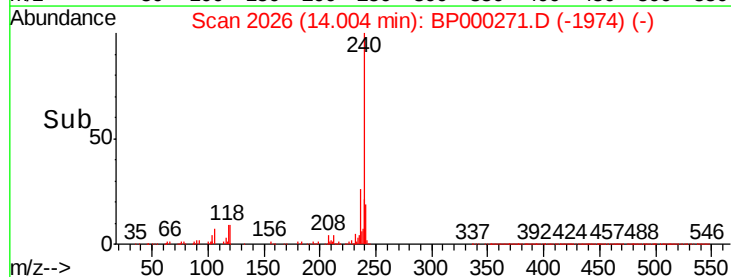
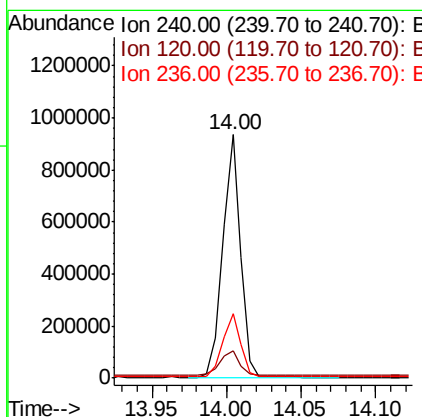
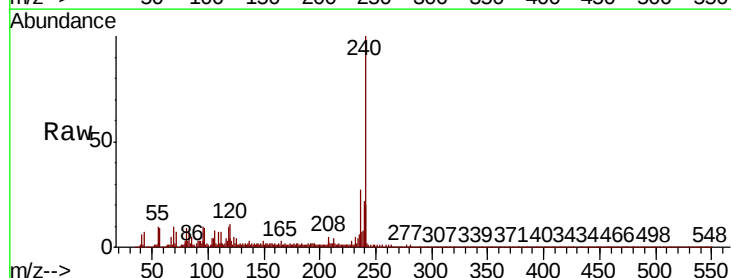
RT: 14.00 min Scan# 2026

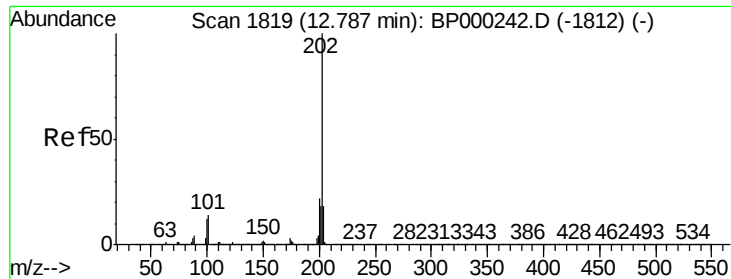
Delta R.T. 0.01 min

Lab File: BP000271.D

Acq: 17 Sep 2019 14:36

Tgt Ion:	240	Resp:	786983
Ion Ratio	Lower	Upper	
240	100		
120	11.1	10.4	15.6
236	26.7	21.0	31.6





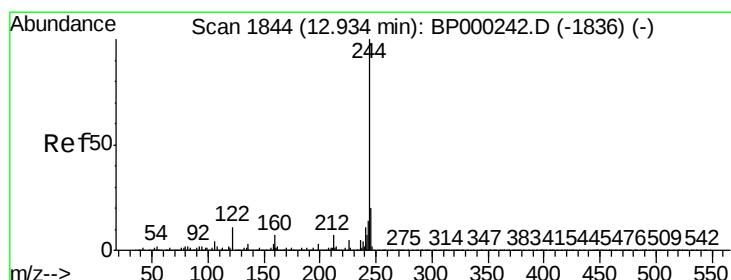
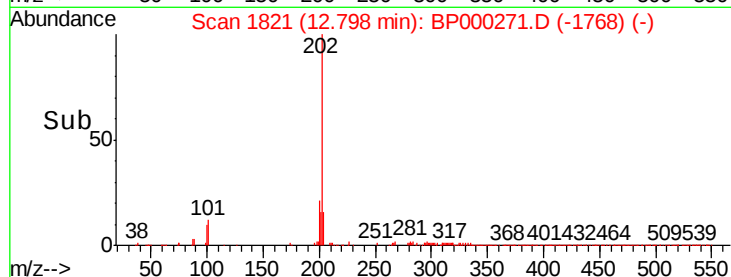
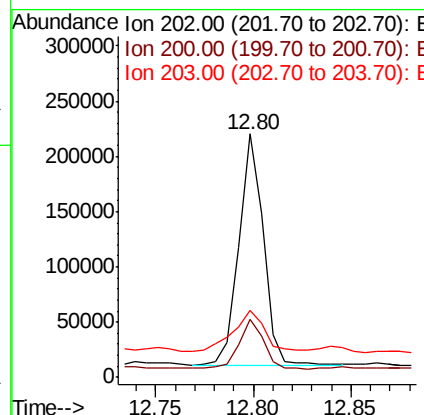
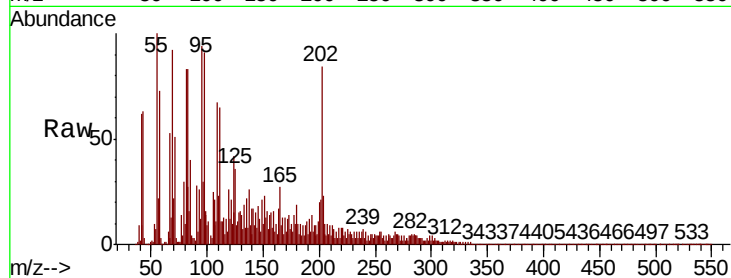
#78
Pvrene
Concen: 3.104 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.01 min
Lab File: BP000271.D
Acq: 17 Sep 2019 14:36

Instrument :
BNA_P
ClientSampled :
RT-3425

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	23.8	17.5	26.3
203	27.3	14.3	21.5

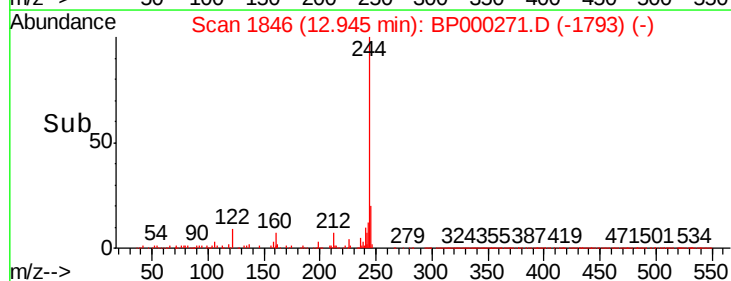
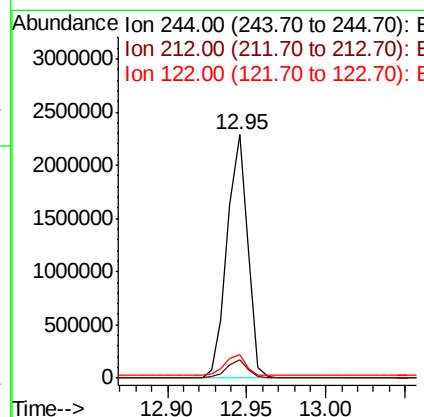
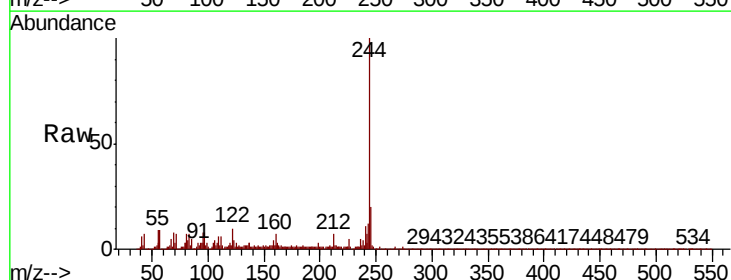
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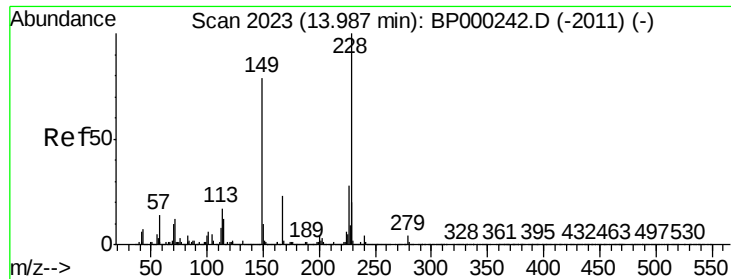
mohammad
9/19/2019 4:46:01 PM



#79
Terphenyl-d14
Concen: 54.387 ng
RT: 12.95 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BP000271.D
Acq: 17 Sep 2019 14:36

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.3	5.9	8.9
122	9.7	9.0	13.4





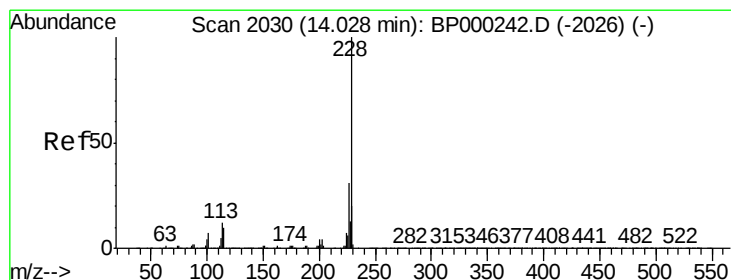
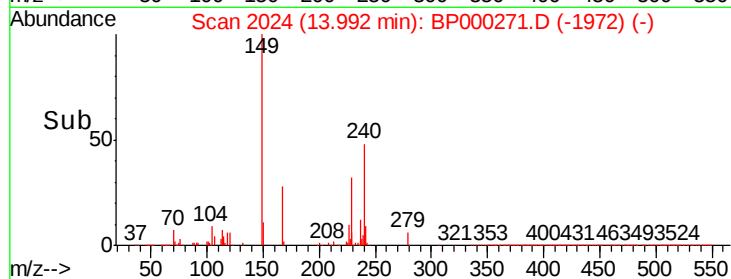
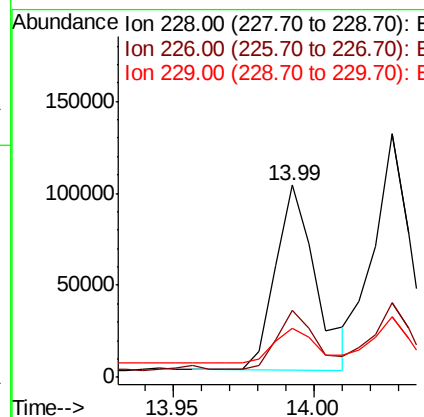
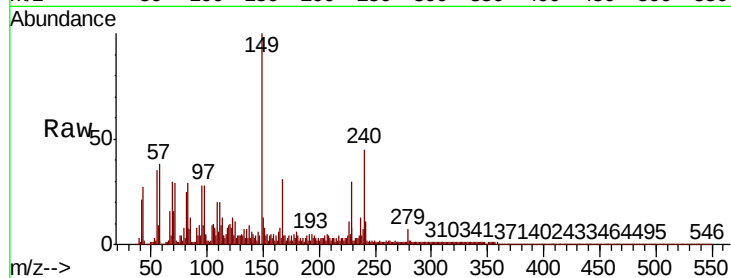
#81
Benzo(a)anthracene
Concen: 2.006 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BP000271.D
Acq: 17 Sep 2019 14:36

Instrument :
BNA_P
ClientSampleId :
RT-3425

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.7	22.2	33.4#
229	25.8	16.0	24.0#

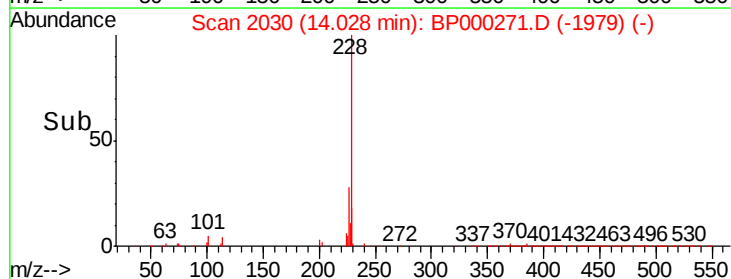
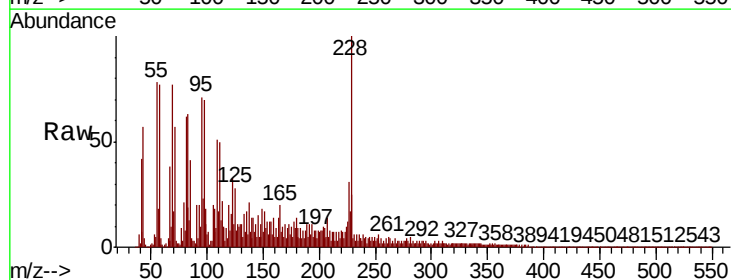
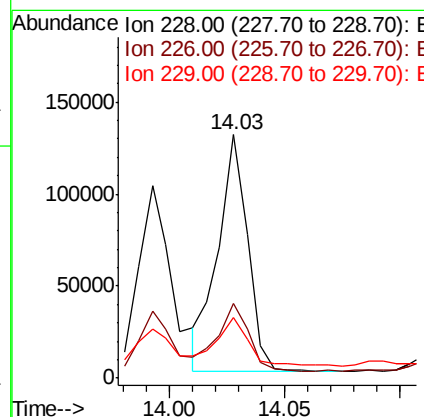
Manual Integrations
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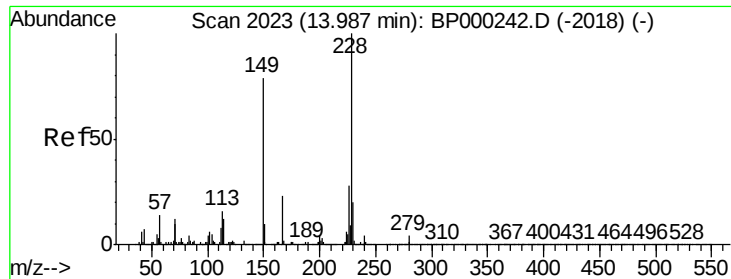
mohammad
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#83
Chrysene
Concen: 2.360 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BP000271.D
Acq: 17 Sep 2019 14:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	24.8	16.2	24.2#





#84

Bis(2-ethylhexyl)phthalate

Concen: 11.169 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BP000271.D

Acq: 17 Sep 2019 14:36

Instrument :

BNA_P

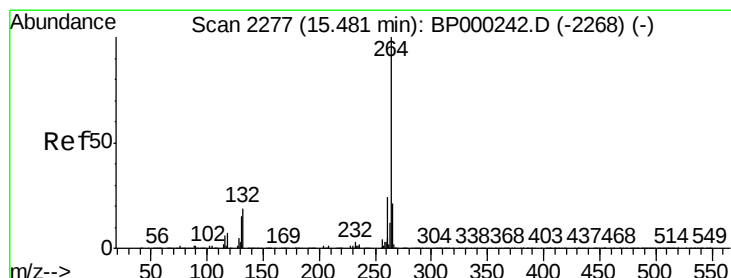
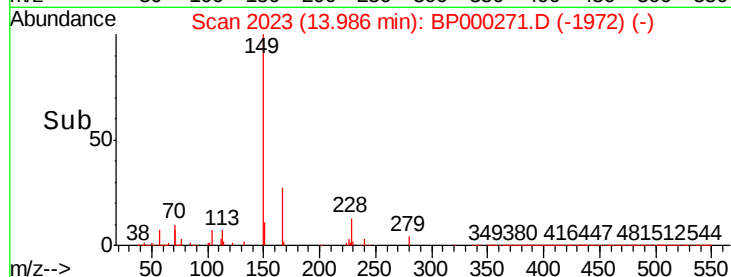
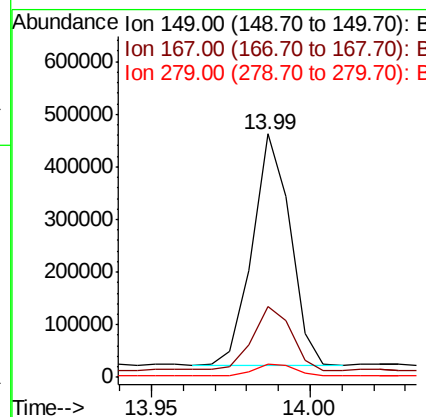
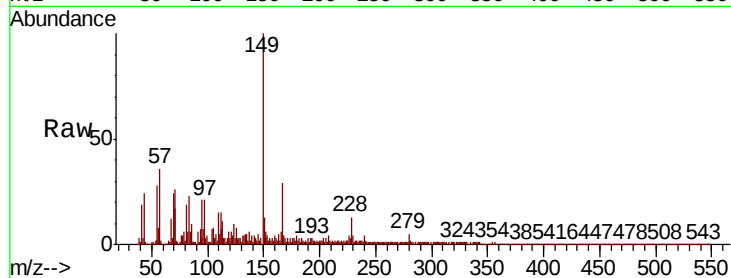
Client Sample Id :

RT-3425

Tot Ion:	149	Resp:	362753
Ion Ratio	Lower	Upper	
149	100		
167	29.2	23.0	34.4
279	5.2	3.7	5.5

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#87

Perylene-d12

Concen: 20.000 ng

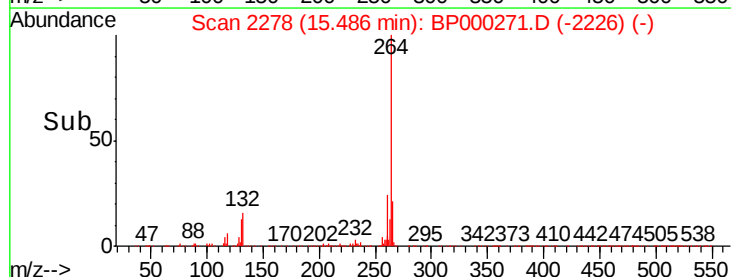
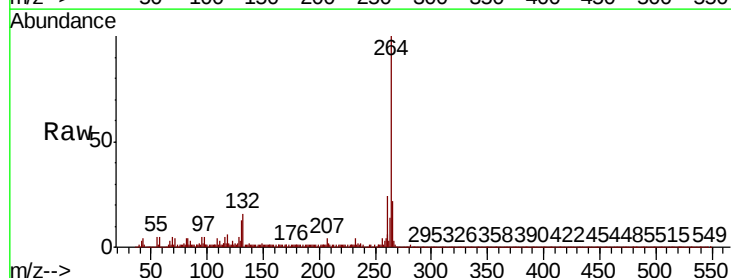
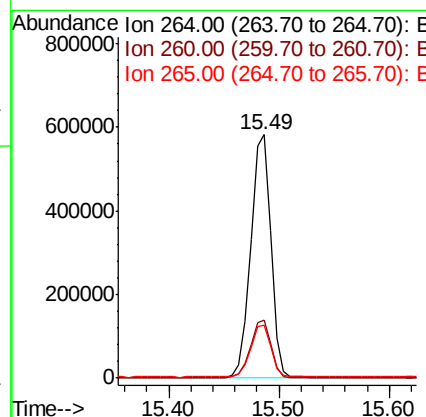
RT: 15.49 min Scan# 2278

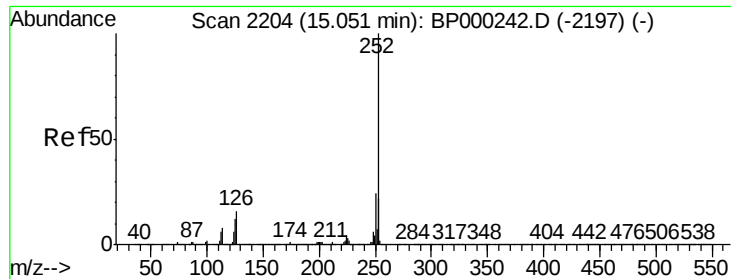
Delta R.T. 0.01 min

Lab File: BP000271.D

Acq: 17 Sep 2019 14:36

Tgt Ion:	264	Resp:	744494
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.9	28.3
265	21.8	17.2	25.8





#88

Benzo(b)fluoranthene

Concen: 3.118 ng/mL

RT: 15.05 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BP000271.D

Acq: 17 Sep 2019 14:36

Instrument :

BNA_P

ClientSampleId :

RT-3425

Tot Ion	Ion	Ratio	Resp	Lower	Upper
252	100		138499		
253	26.8	17.8	26.6#		
125	24.3	9.5	14.3#		

Manual Integrations
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