

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
 Data File : BF119624.D
 Acq On : 28 Mar 2020 18:37
 Operator : CG/JU
 Sample : L2040-10
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-346

Manual Integrations
 APPROVED

mohammad
 3/31/2020 8:14:54 AM

Quant Time: Mar 30 01:57:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	294176	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1003459	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	477490	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	705846	20.00	ng	0.00
76) Chrysene-d12	14.00	240	566603	20.00	ng	-0.01
87) Perylene-d12	15.47	264	515460	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	2072513	112.15	ng	0.01
7) Phenol-d6	6.46	99	2650820	112.29	ng	0.00
23) Nitrobenzene-d5	7.40	82	1484476	80.40	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	521879	105.94	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2564613	79.57	ng	0.00
79) Terphenyl-d14	12.96	244	2063778	71.36	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	278069	8.199	ng	99
71) Phenanthrene	11.39	178	95887	2.620	ng	96
75) Fluoranthene	12.57	202	348606	8.801	ng	97
78) Pyrene	12.80	202	270264	5.812	ng	98
81) Benzo(a)anthracene	13.99	228	100326	2.723	ng	97
83) Chrysene	14.03	228	114931	3.022	ng	96
84) Bis(2-ethylhexyl)phthalate	13.99	149	98936	4.413	ng	# 96
88) Benzo(b)fluoranthene	15.04	252	120706m	3.506	ng	

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

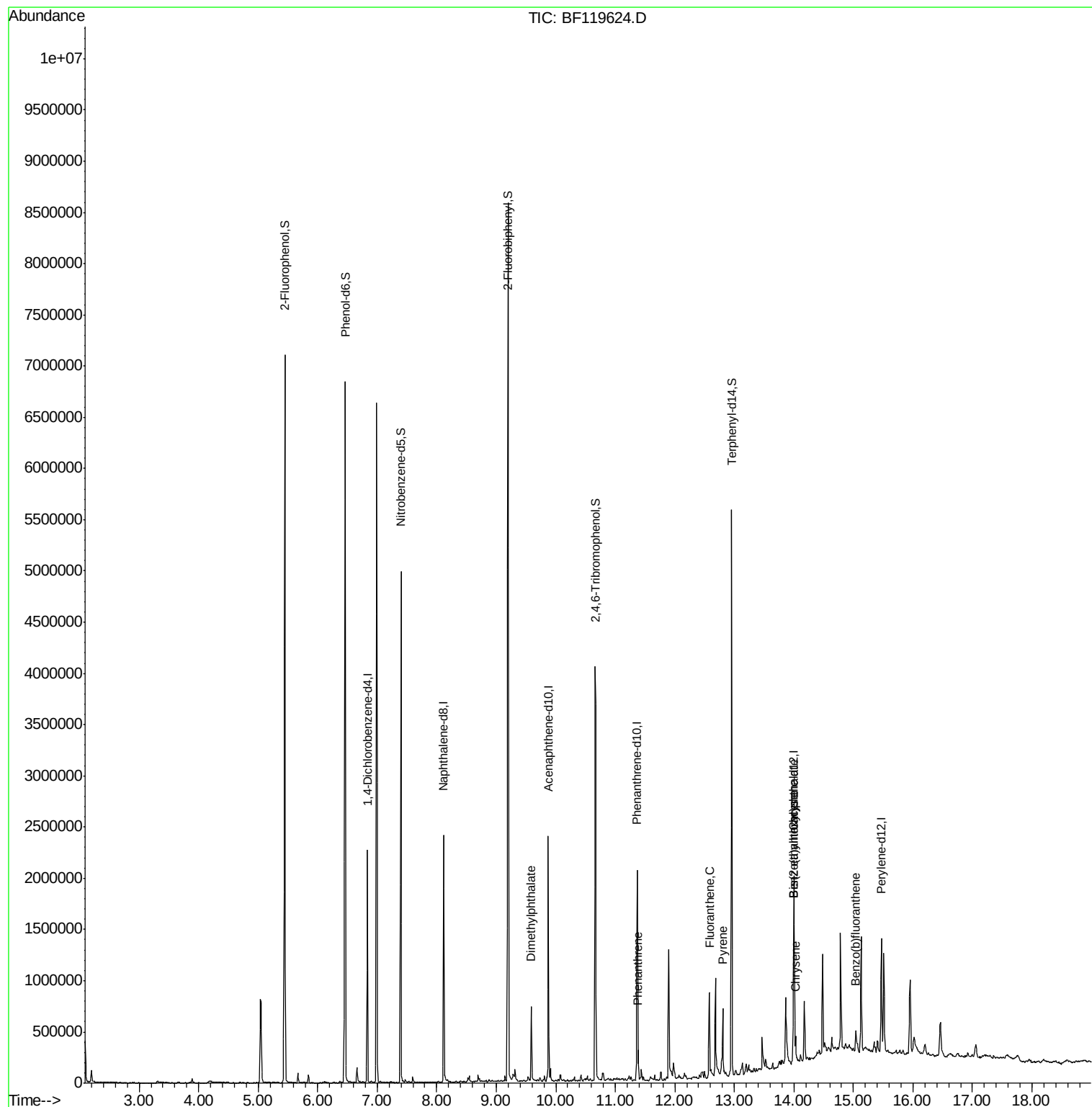
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119624.D
Acq On : 28 Mar 2020 18:37
Operator : CG/JU
Sample : L2040-10
Misc :
ALS Vial : 54 Sample Multiplier: 1

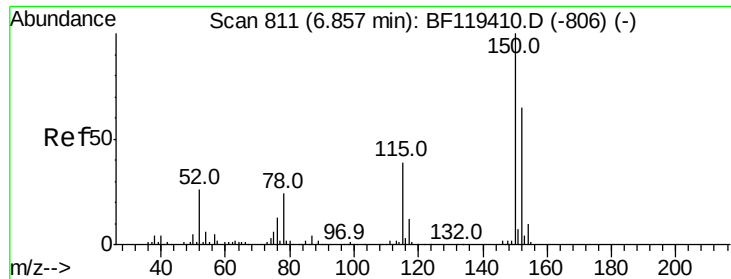
Instrument :
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ClientSampleId :
RO-346

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#1

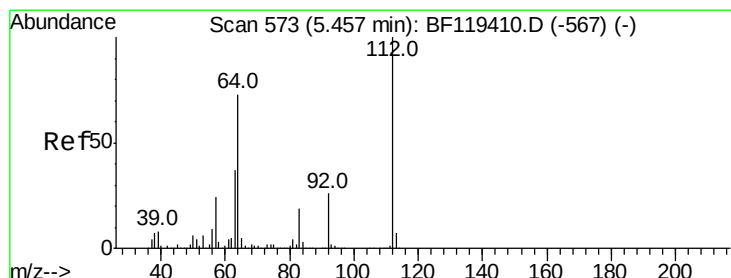
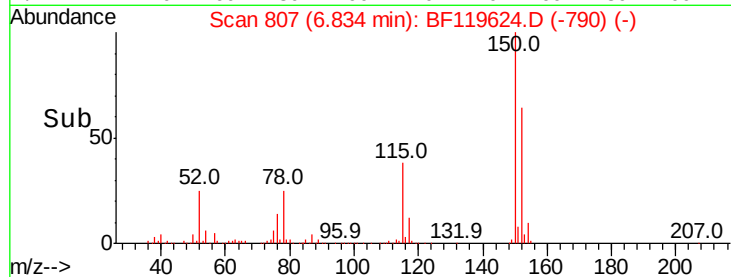
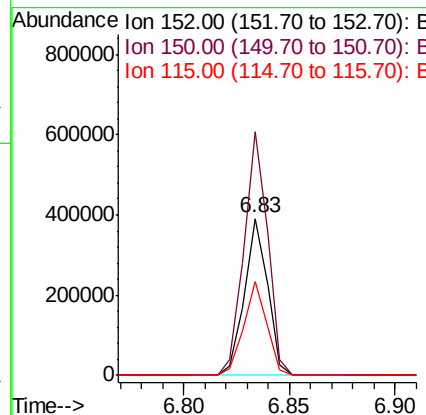
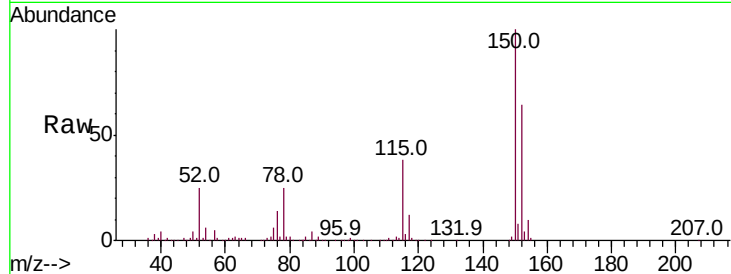
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119624.D
Acq: 28 Mar 2020 18:37

Instrument :
BNA_F
ClientSampleId :
RO-346

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.5	186.7
115	59.5	49.6	74.4

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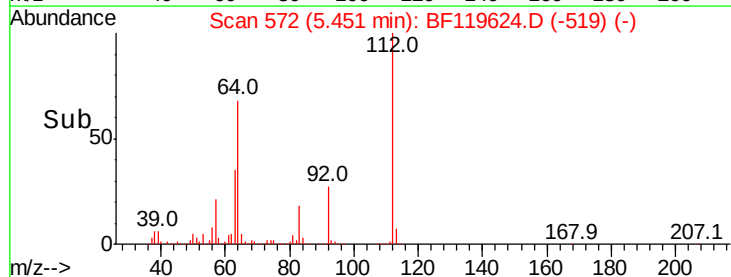
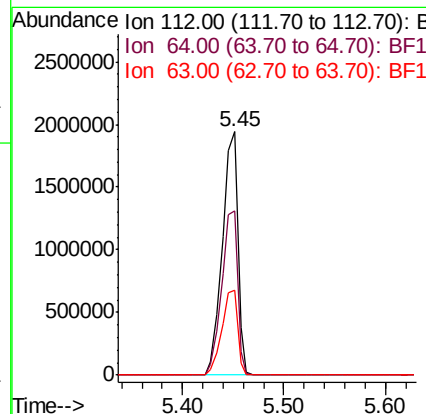
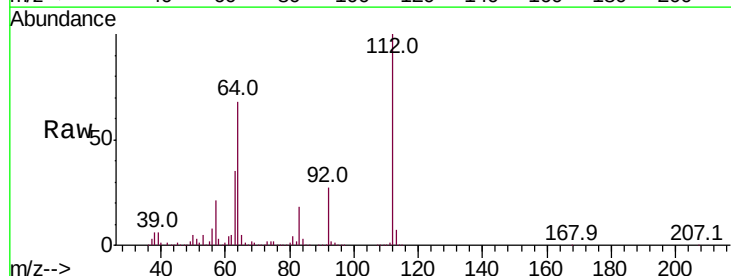
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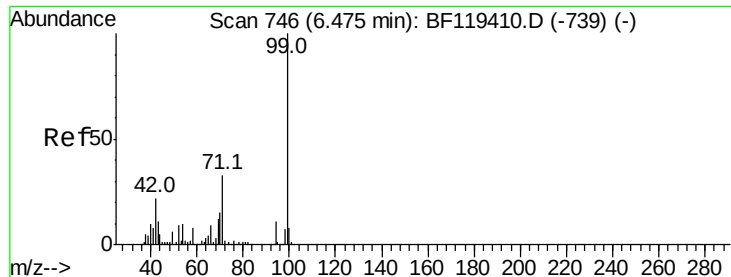


#5

2-Fluorophenol
Concen: 112.152 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF119624.D
Acq: 28 Mar 2020 18:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.6	56.7	85.1
63	34.6	29.5	44.3





#7

Phenol-d6

Concen: 112.293 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF119624.D

Acq: 28 Mar 2020 18:37

Instrument :

BNA_F

ClientSampleId :

RO-346

Tot Ion: 99 Resp: 2650820

Ion Ratio Lower Upper

99 100

42 19.5 16.6 24.8

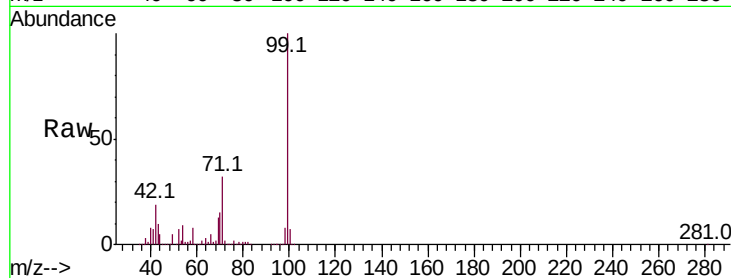
71 32.4 26.4 39.6

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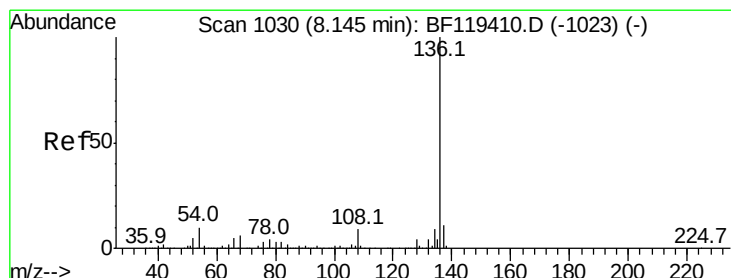
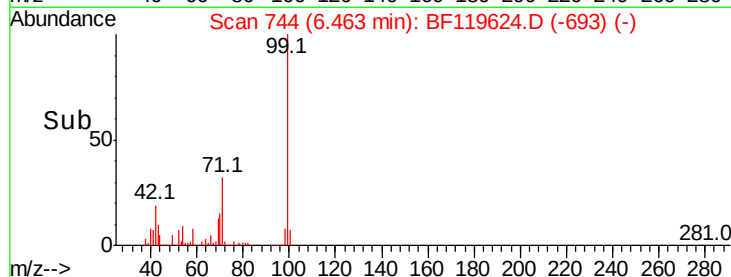
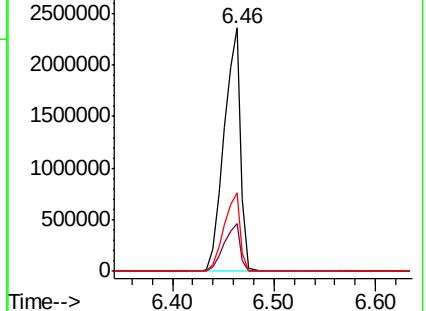
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119624.D

Acq: 28 Mar 2020 18:37

Tgt Ion: 136 Resp: 1003459

Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 11.5 9.1 13.7

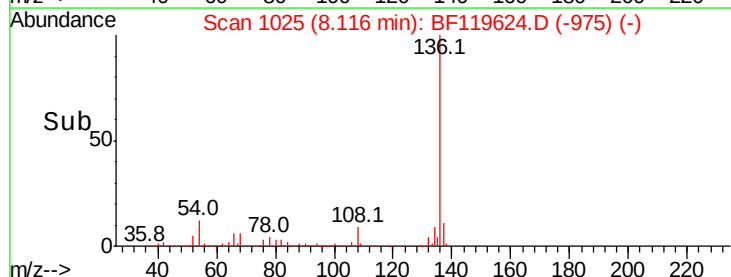
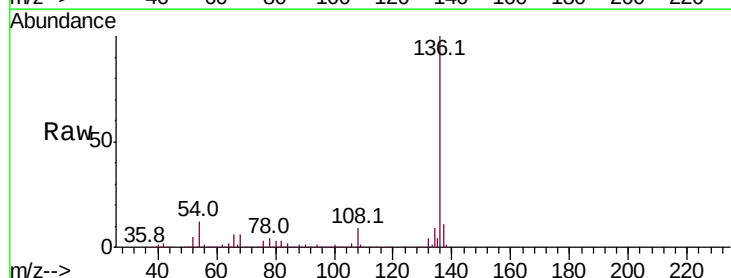
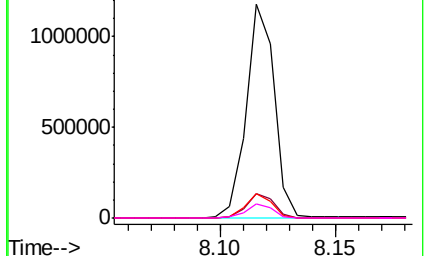
68 6.5 4.6 6.8

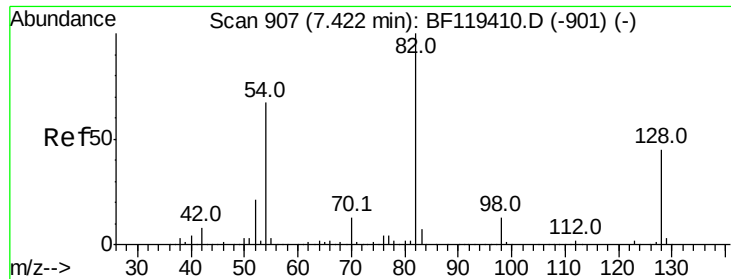
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





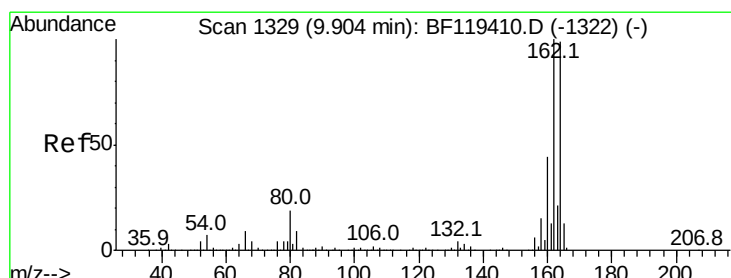
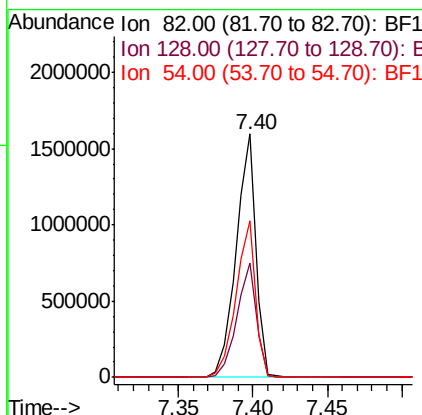
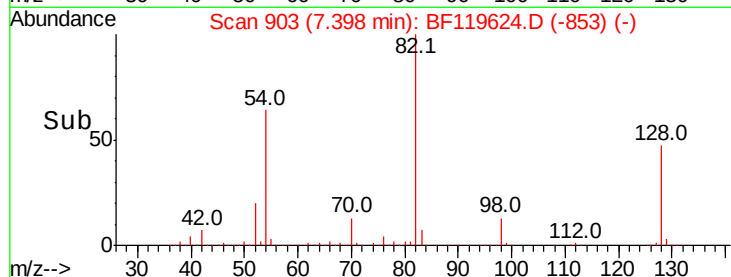
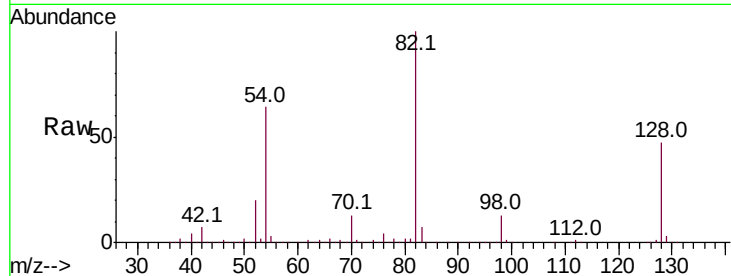
#23
Nitrobenzene-d5
Concen: 80.400 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF119624.D
Acq: 28 Mar 2020 18:37

Instrument :
BNA_F
ClientSampled :
RO-346

Tot Ion: 82 Resp: 1484476
Ion Ratio Lower Upper
82 100
128 46.9 36.3 54.5
54 64.2 50.6 75.8

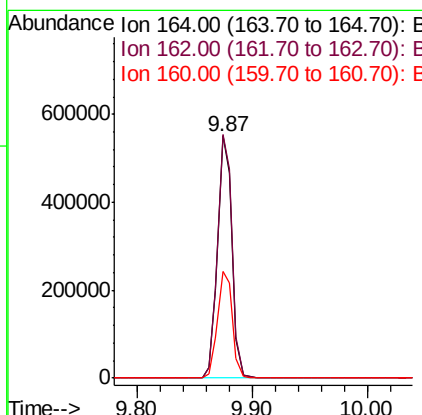
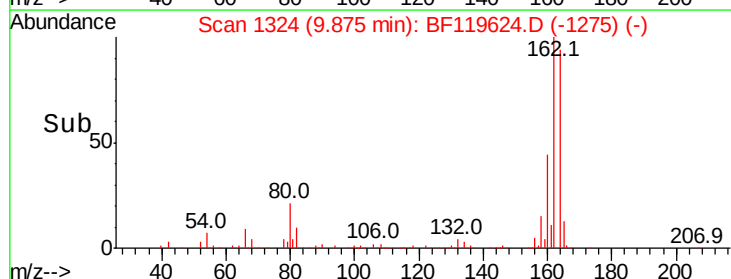
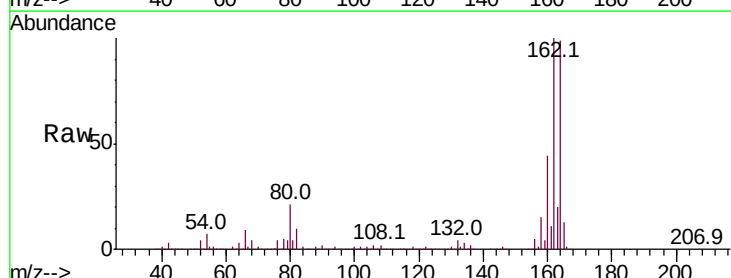
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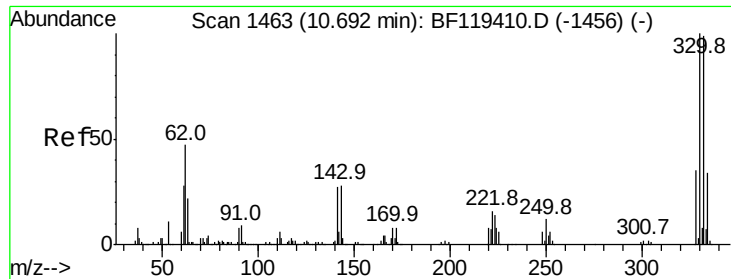
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF119624.D
Acq: 28 Mar 2020 18:37

Tgt Ion: 164 Resp: 477490
Ion Ratio Lower Upper
164 100
162 100.7 80.6 121.0
160 44.0 35.7 53.5





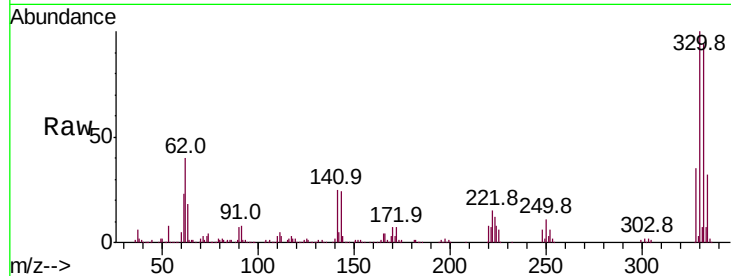
#42
 2,4,6-Tribromophenol
 Concen: 105.942 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF119624.D
 Acq: 28 Mar 2020 18:37

Instrument :
 BNA_F
 ClientSampled :
 RO-346

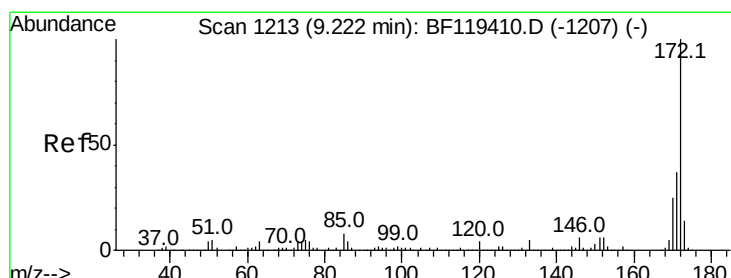
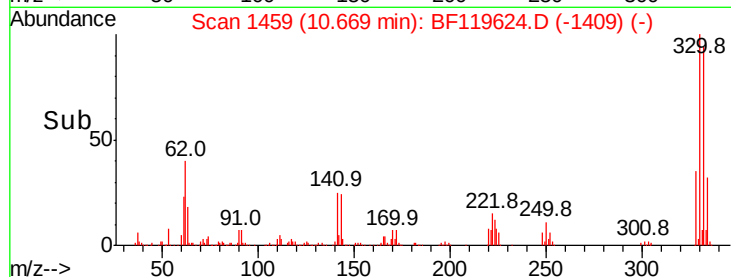
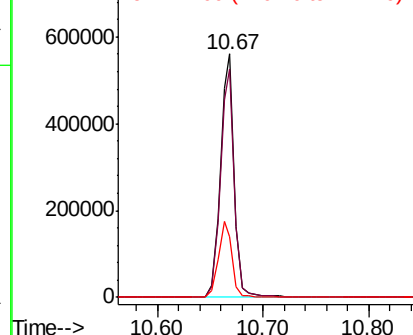
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.7	113.5
141	31.2	25.4	38.0

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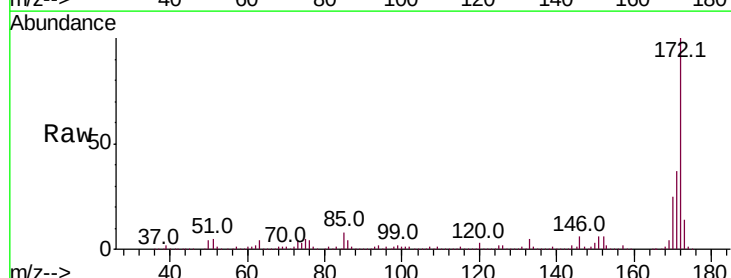


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

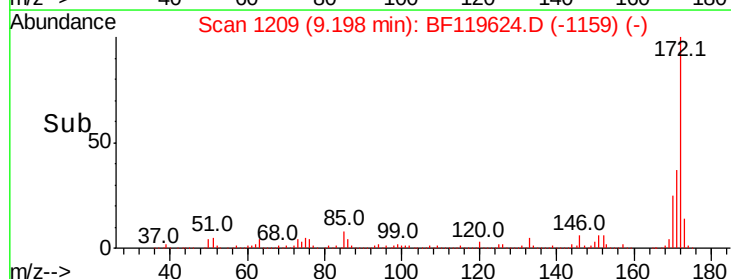
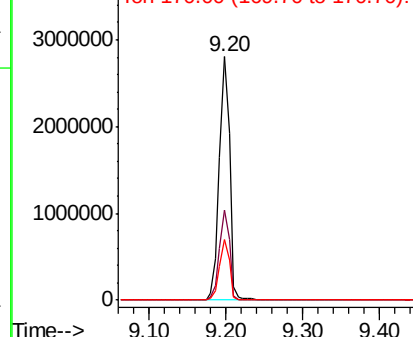


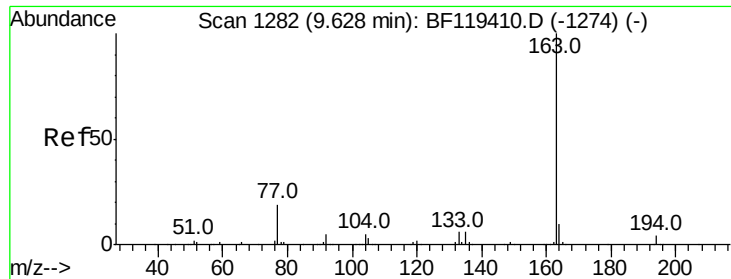
#45
 2-Fluorobiphenyl
 Concen: 79.570 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119624.D
 Acq: 28 Mar 2020 18:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	25.1	20.2	30.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





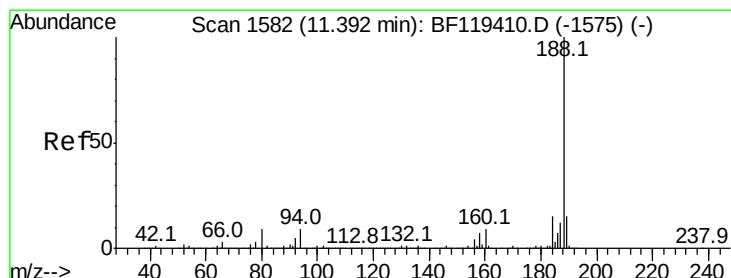
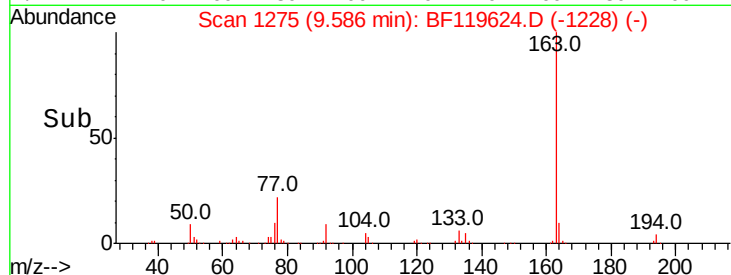
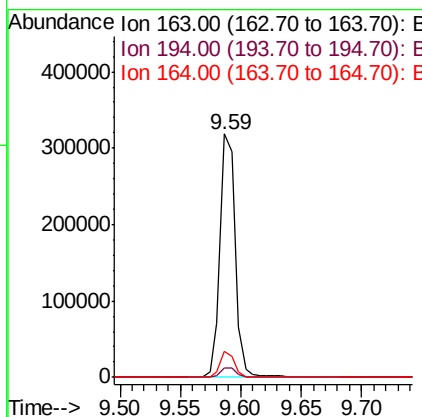
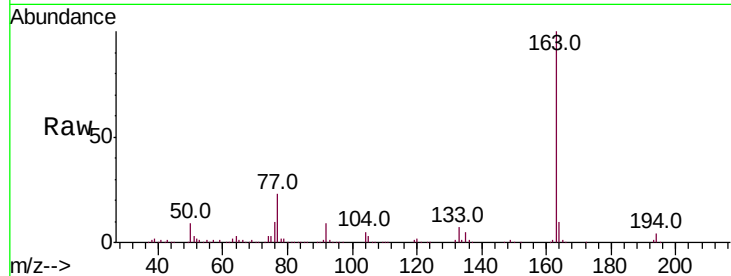
#50
Dimethylphthalate
Concen: 8.199 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF119624.D
Acq: 28 Mar 2020 18:37

Instrument :
BNA_F
ClientSampleId :
RO-346

Tot Ion	Ratio	Resp	Lower	Upper
163	100	278069		
194	3.6		3.1	4.7
164	10.5		8.2	12.2

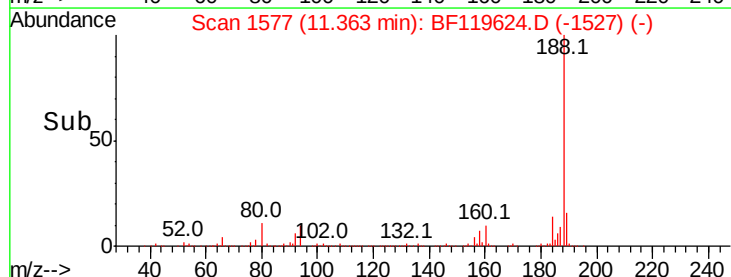
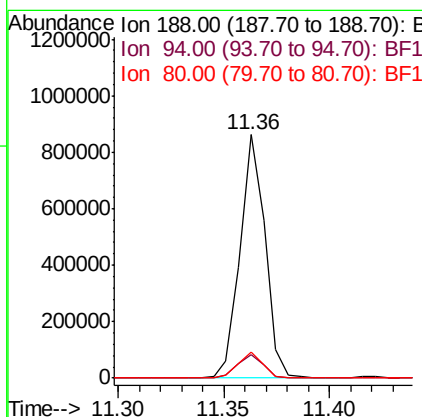
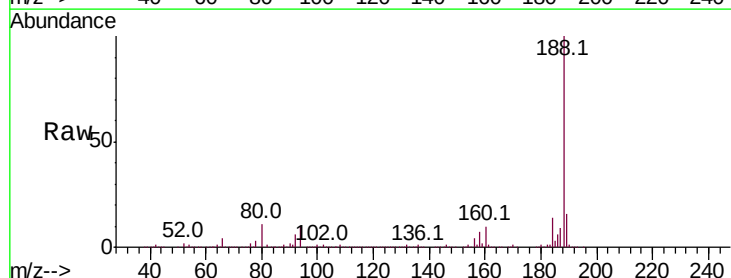
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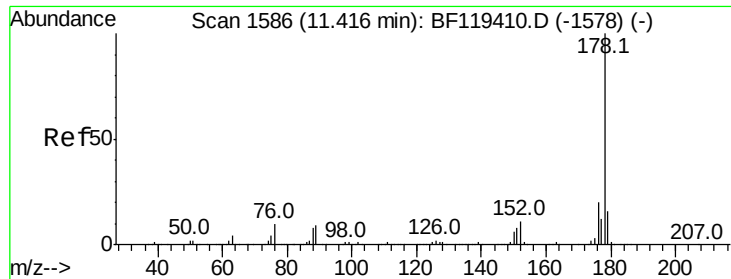
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF119624.D
Acq: 28 Mar 2020 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	705846		
94	9.9		7.5	11.3
80	10.9		9.0	13.4





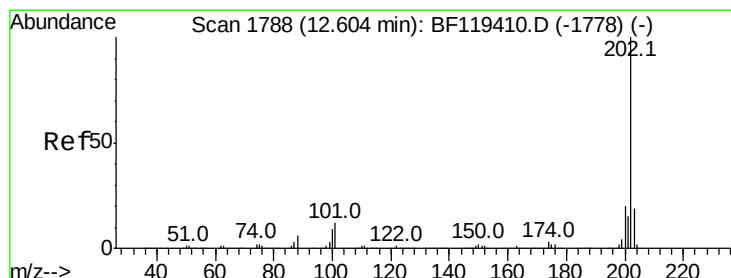
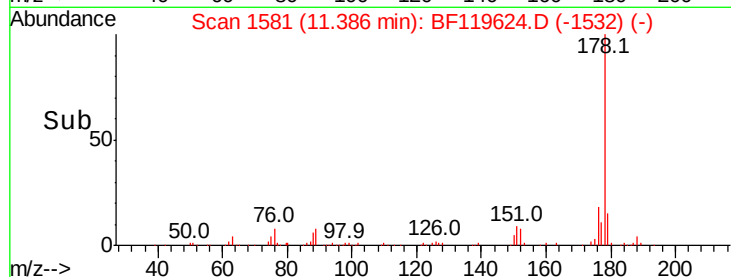
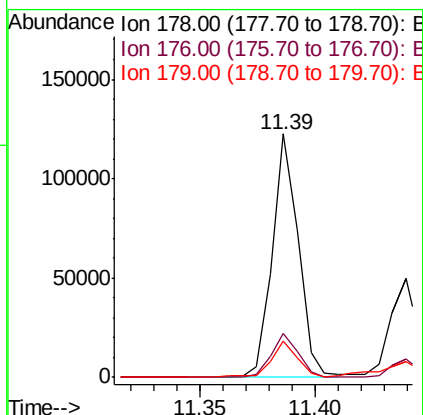
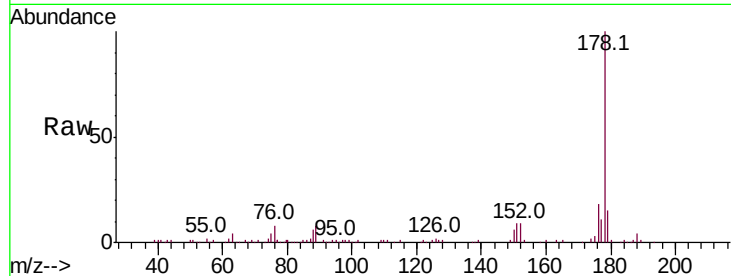
#71
Phenanthrene
Concen: 2.620 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF119624.D
Acq: 28 Mar 2020 18:37

Instrument :
BNA_F
ClientSampleId :
RO-346

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	16.2	24.4
179	14.8	13.2	19.8

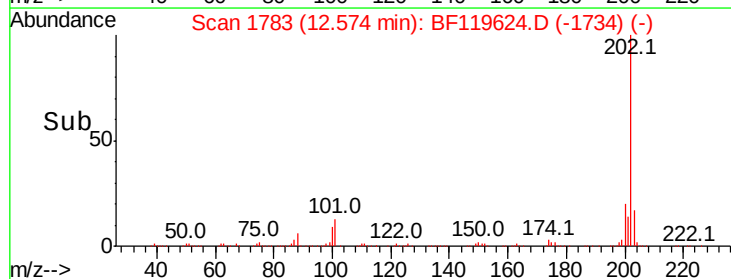
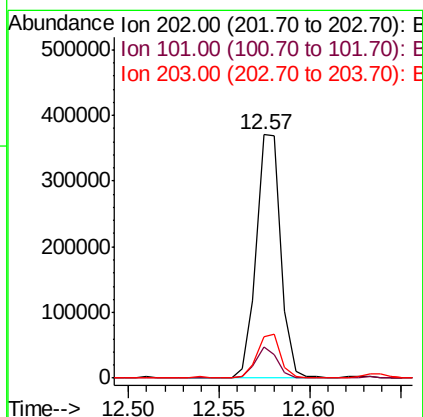
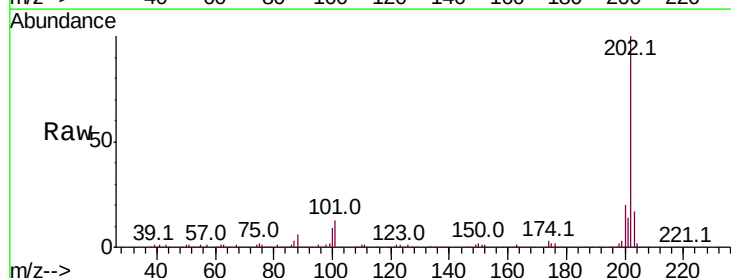
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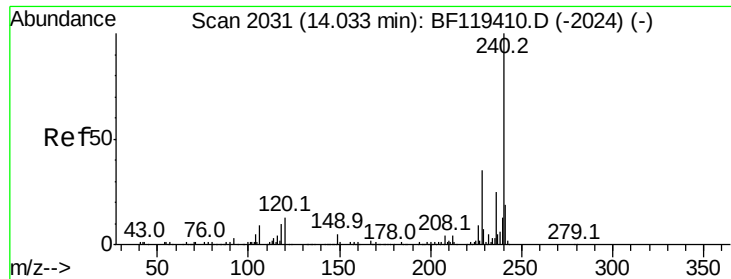
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#75
Fluoranthene
Concen: 8.801 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF119624.D
Acq: 28 Mar 2020 18:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	32.2
203	16.8	0.0	38.8





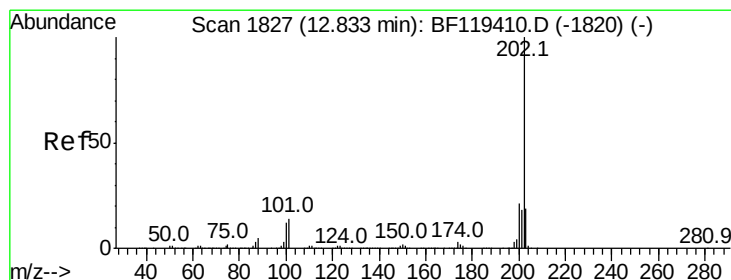
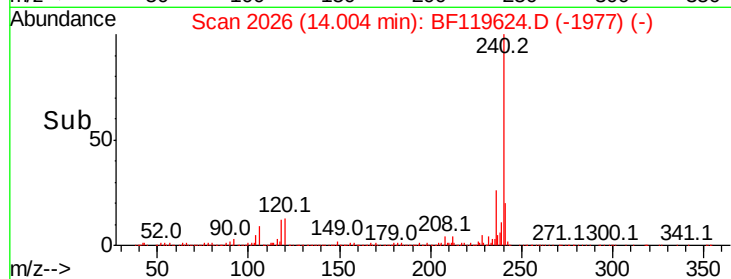
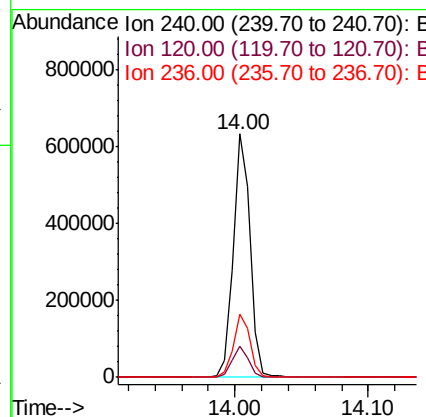
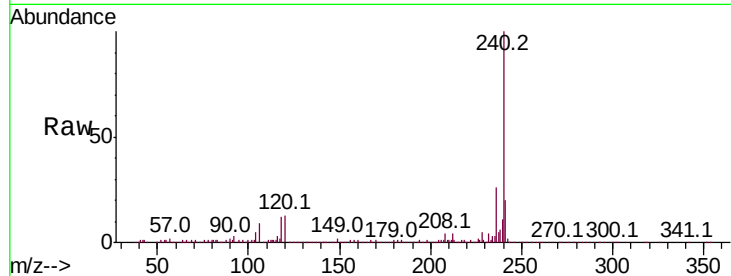
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF119624.D
Acq: 28 Mar 2020 18:37

Instrument :
BNA_F
ClientSampleId :
RO-346

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.9	10.6	15.8
236	26.1	20.2	30.2

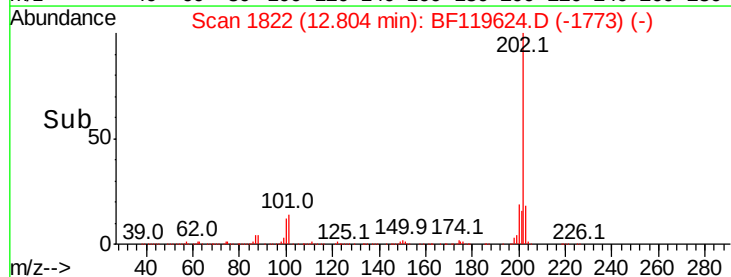
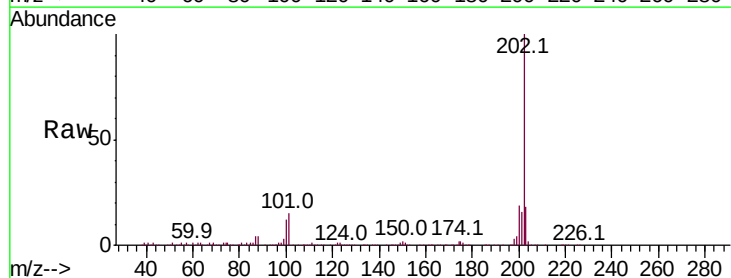
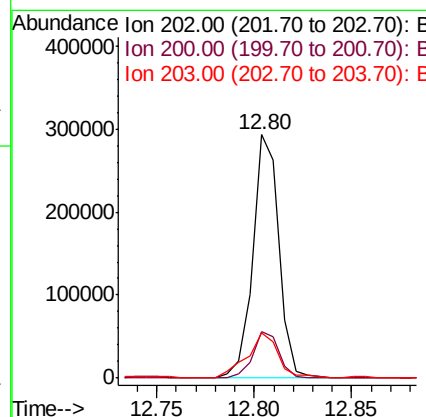
Manual Integrations
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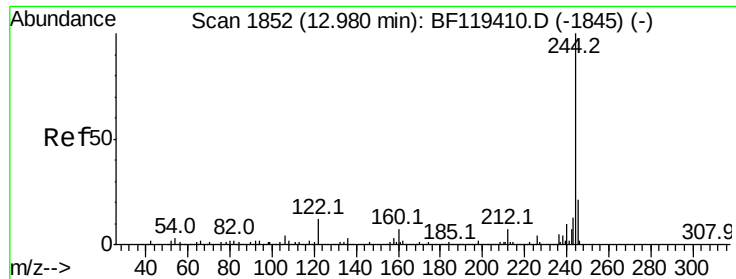
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#78
Pyrene
Concen: 5.812 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF119624.D
Acq: 28 Mar 2020 18:37

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.4	16.8	25.2
203	18.4	15.1	22.7





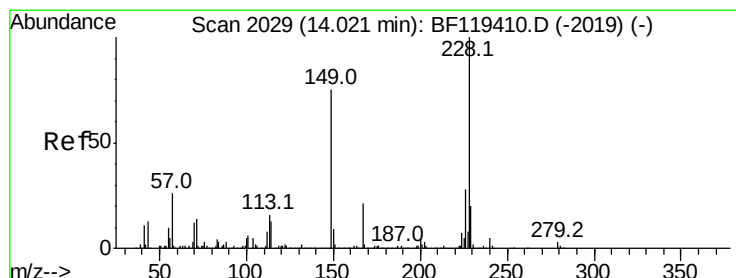
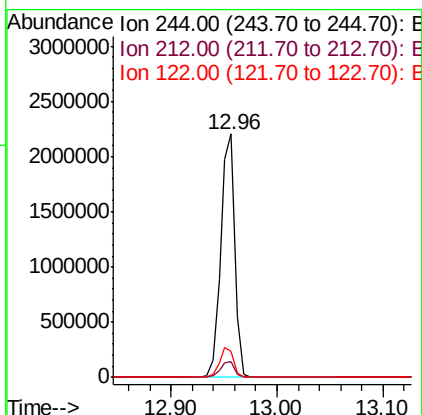
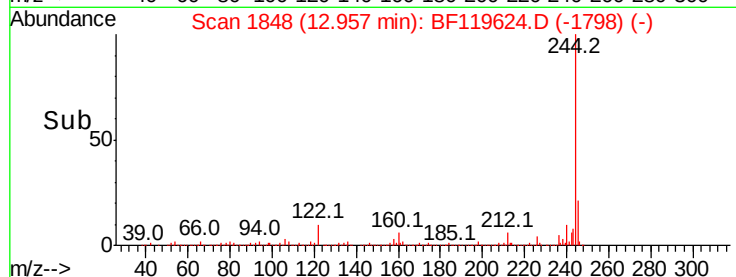
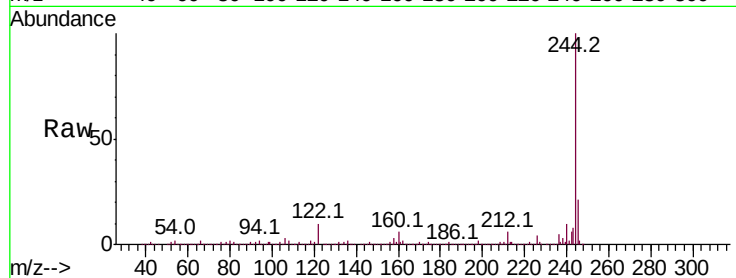
#79
 Terphenyl-d14
 Concen: 71.362 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF119624.D
 Acq: 28 Mar 2020 18:37

Instrument :
 BNA_F
 ClientSampled :
 RO-346

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.8
122	10.4	10.3	15.5

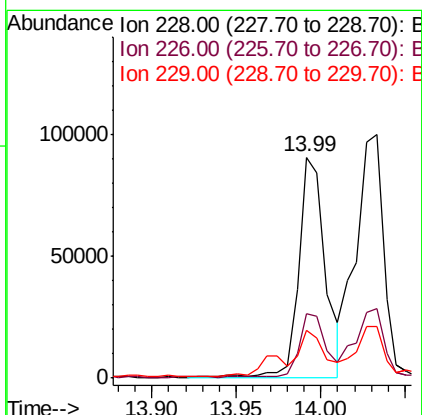
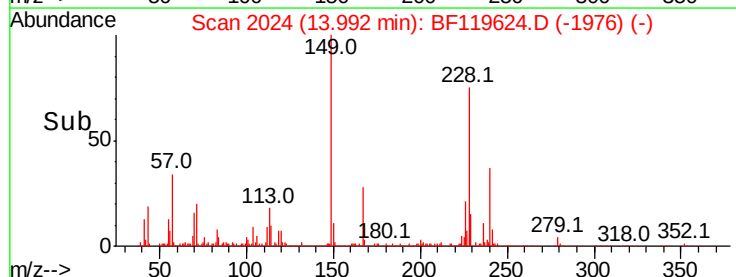
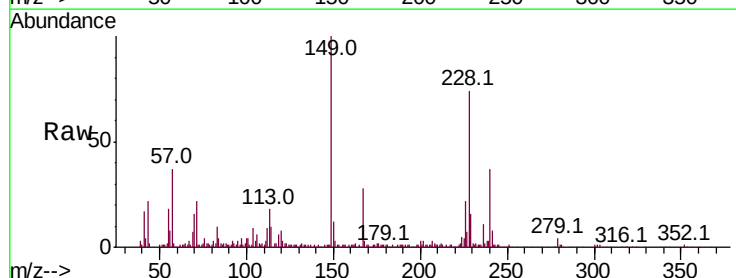
Manual Integrations
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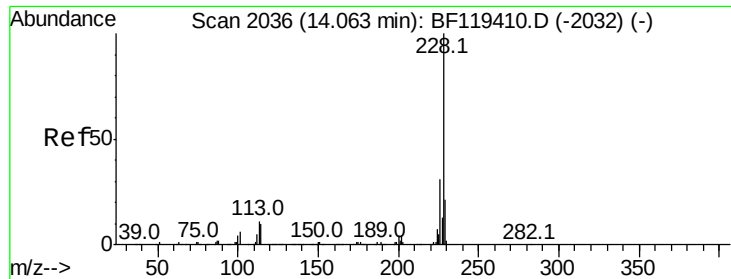
mohammad
 3/31/2020 8:14:54 AM



#81
 Benzo(a)anthracene
 Concen: 2.723 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.02 min
 Lab File: BF119624.D
 Acq: 28 Mar 2020 18:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	21.8	32.8
229	21.6	16.2	24.4





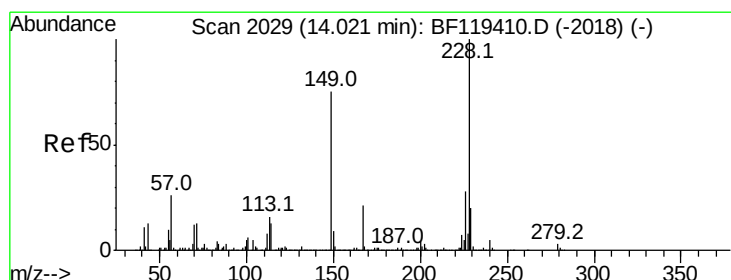
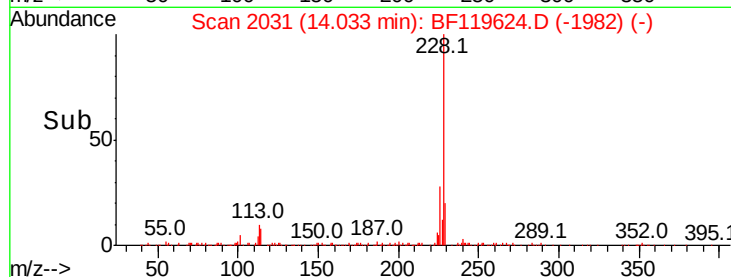
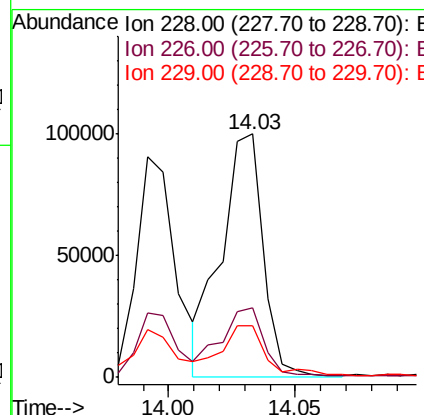
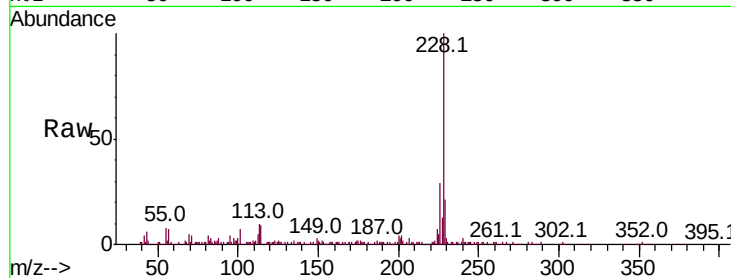
#83
 Chrysene
 Concen: 3.022 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF119624.D
 Acq: 28 Mar 2020 18:37

Instrument :
 BNA_F
 ClientSampled :
 RO-346

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	25.4	38.0
229	21.2	16.6	24.8

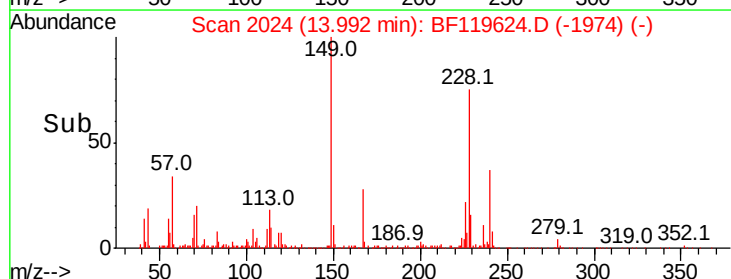
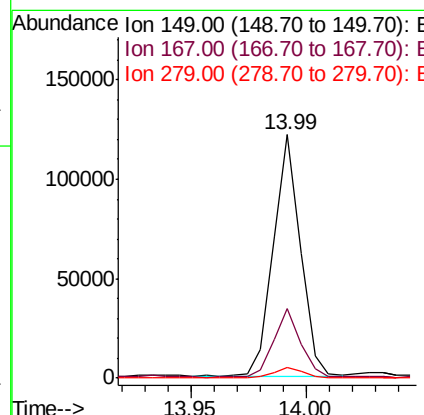
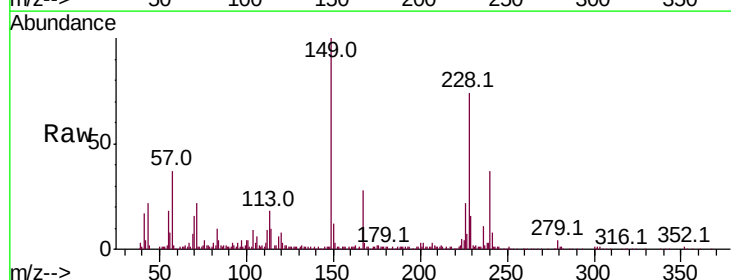
Manual Integrations
 APPROVED

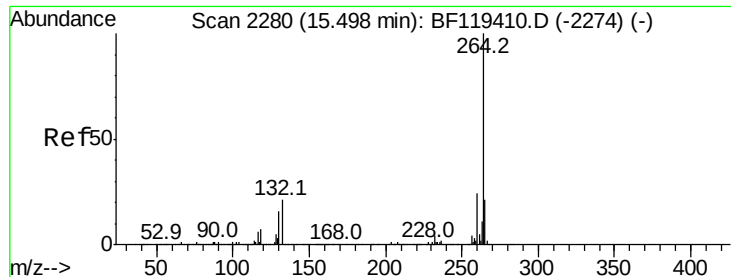
mohammad
 3/31/2020 8:14:54 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.413 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF119624.D
 Acq: 28 Mar 2020 18:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	21.3	31.9
279	4.3	2.7	4.1#





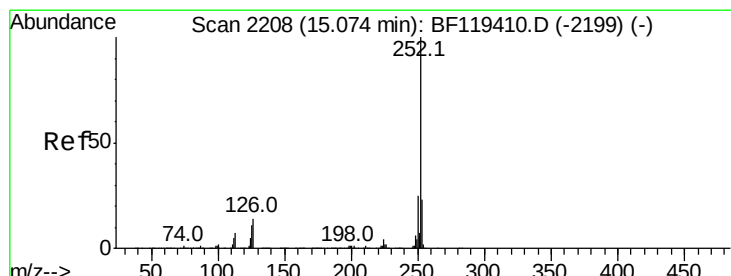
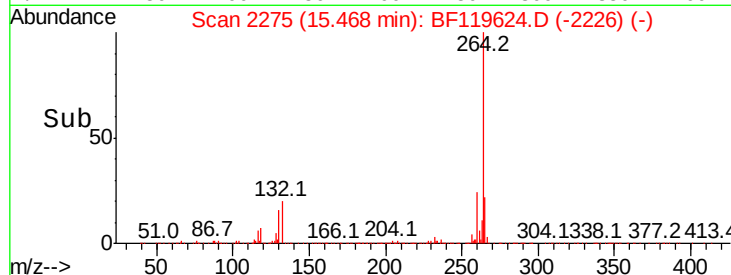
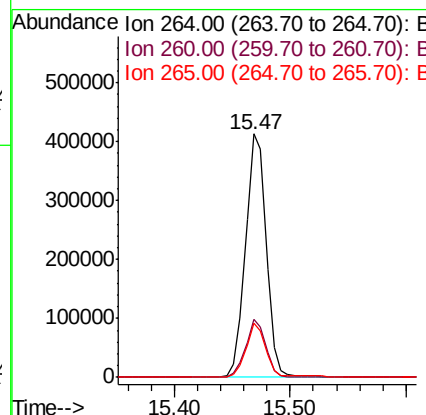
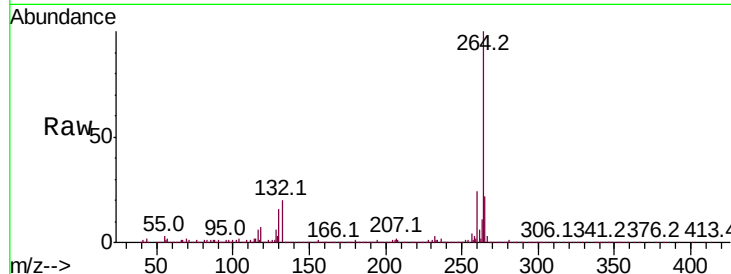
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF119624.D
Acq: 28 Mar 2020 18:37

Instrument :
BNA_F
ClientSampled :
RO-346

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	22.2	17.7	26.5

Manual Integrations
APPROVED

mohammad
3/31/2020 8:14:54 AM



#88
Benzo(b)fluoranthene
Concen: 3.506 ng m
RT: 15.04 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BF119624.D
Acq: 28 Mar 2020 18:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.4	26.0
125	12.6	7.9	11.9

