

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
 Data File : BF119206.D
 Acq On : 4 Mar 2020 20:52
 Operator : CG/JU
 Sample : L1772-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-9

Manual Integrations
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Quant Time: Mar 05 06:12:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	129085	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	461487	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	212074	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	329716	20.00	ng	0.00
76) Chrysene-d12	13.90	240	261098	20.00	ng	0.00
87) Perylene-d12	15.33	264	216646	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	791889	102.52	ng	0.01
7) Phenol-d6	6.40	99	932793	99.30	ng	0.00
23) Nitrobenzene-d5	7.30	82	583185	66.72	ng	-0.02
42) 2,4,6-Tribromophenol	10.57	330	232264	83.72	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1101753	76.53	ng	-0.01
79) Terphenyl-d14	12.84	244	1051968	69.37	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	180059	11.103	ng	99
75) Fluoranthene	12.47	202	72937	3.821	ng	96
78) Pyrene	12.70	202	75910	3.621	ng	97
84) Bis(2-ethylhexyl)phthalate	13.87	149	90774	8.143	ng	97
88) Benzo(b)fluoranthene	14.93	252	29746m	2.083	ng	
90) Benzo(a)pyrene	15.27	252	26308	2.041	ng	# 85

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

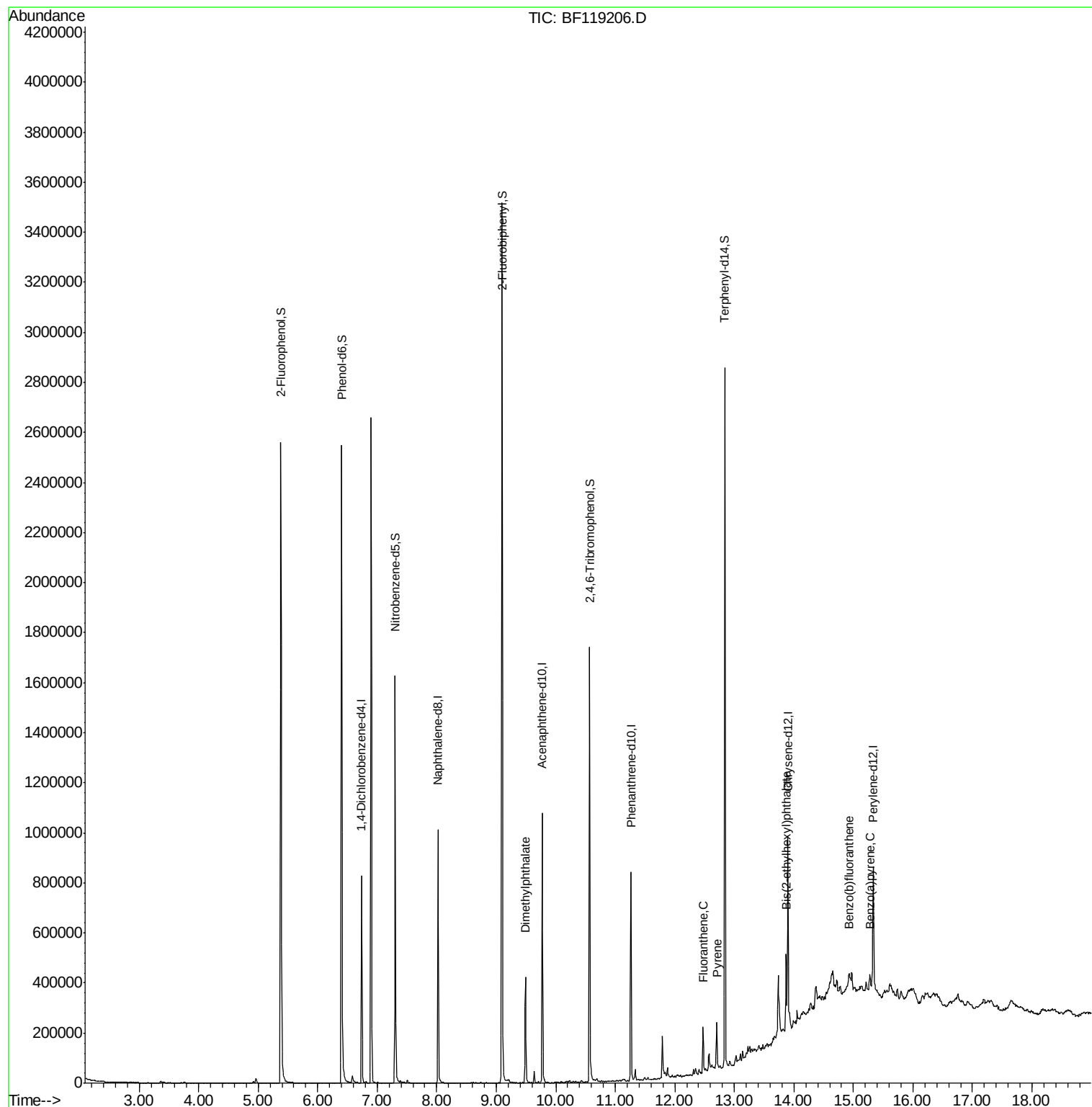
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
Data File : BF119206.D
Acq On : 4 Mar 2020 20:52
Operator : CG/JU
Sample : L1772-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

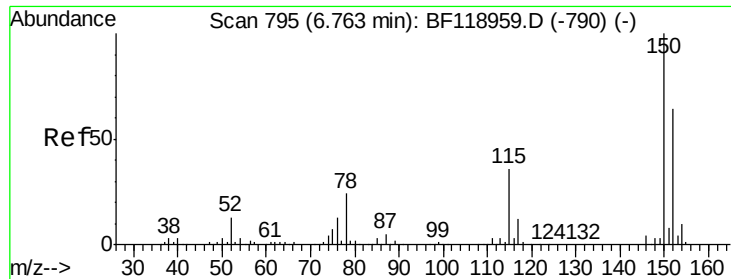
Instrument :
BNA_F
ClientSampleId :
EP-9

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Quant Time: Mar 05 06:12:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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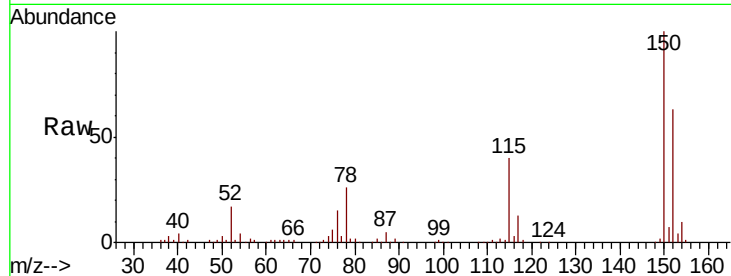
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF119206.D
 Acq: 4 Mar 2020 20:52

Instrument :
 BNA_F
 ClientSampleId :
 EP-9

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	123.0	184.6
115	63.8	49.5	74.3

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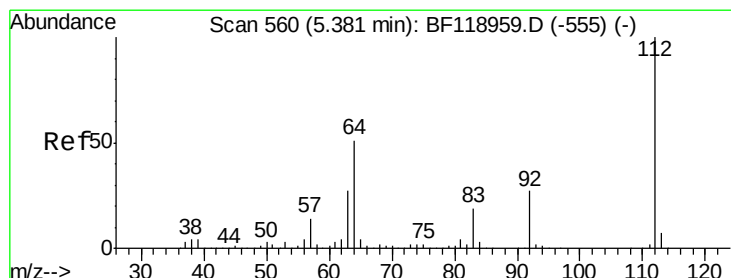
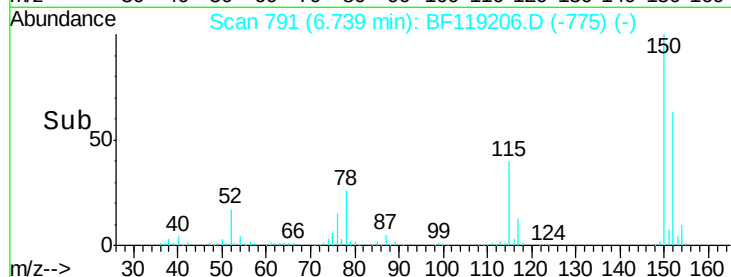
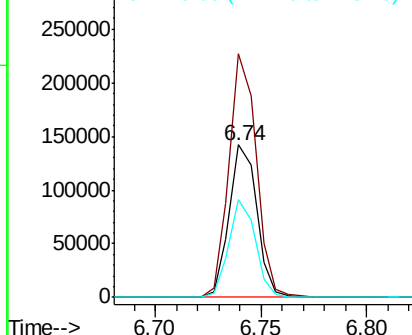


Abundance

Ion 152.00 (151.70 to 152.70): E

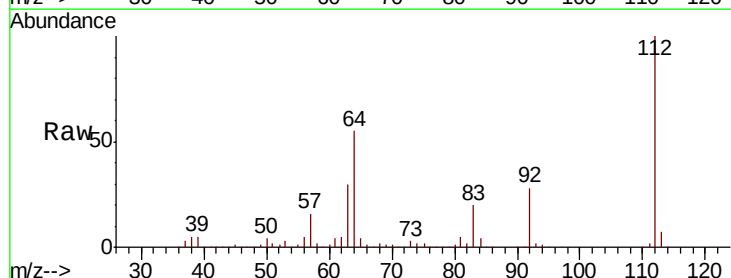
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 102.521 ng
 RT: 5.38 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: BF119206.D
 Acq: 4 Mar 2020 20:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	45.0	67.4
63	29.6	24.2	36.4

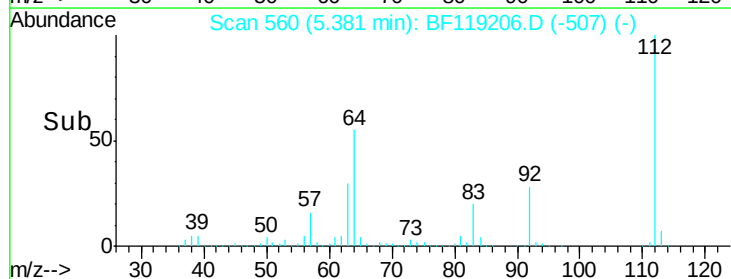
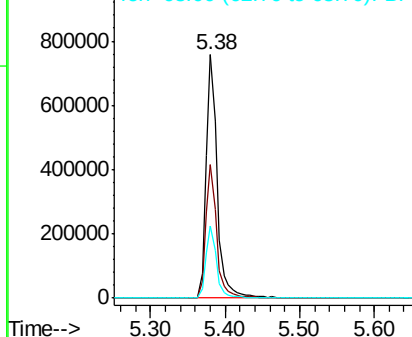


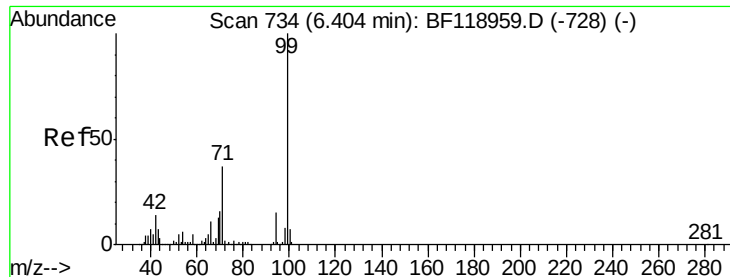
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 99.296 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF119206.D

Acq: 4 Mar 2020 20:52

Instrument :

BNA_F

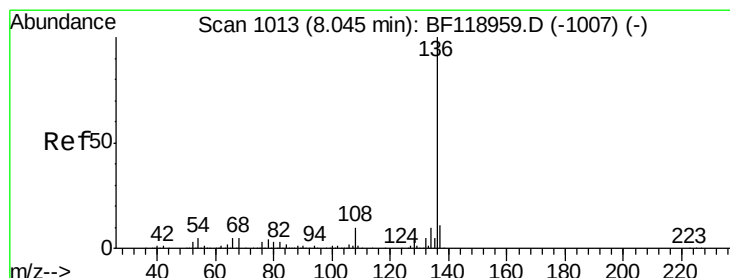
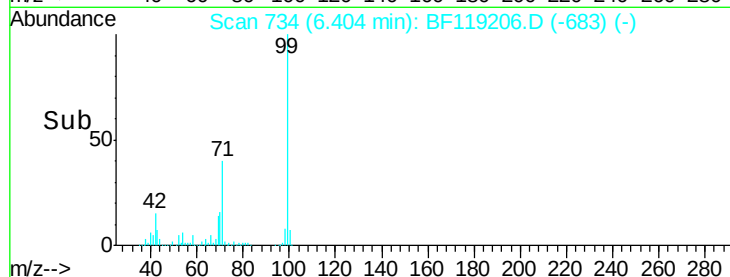
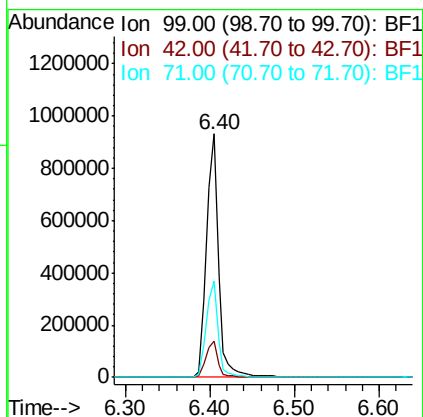
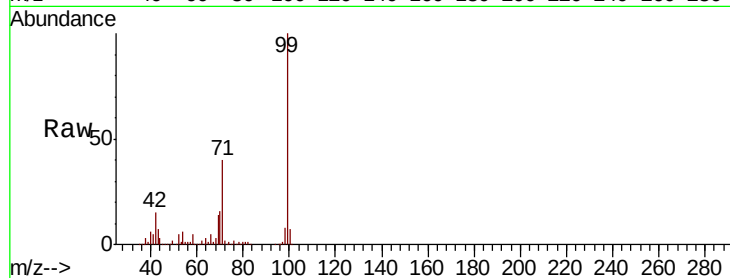
ClientSampleId :

EP-9

Tot Ion:	99	Resp:	932793
Ion Ratio	Lower	Upper	
99	100		
42	15.1	12.6	18.8
71	39.6	31.0	46.4

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#21

Naphthalene-d8

Concen: 20.000 ng

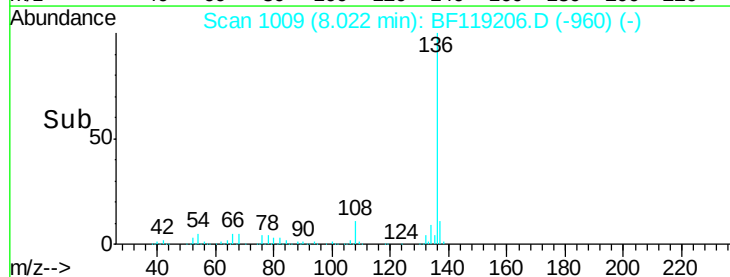
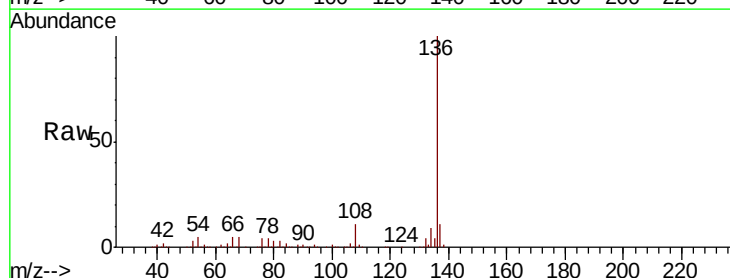
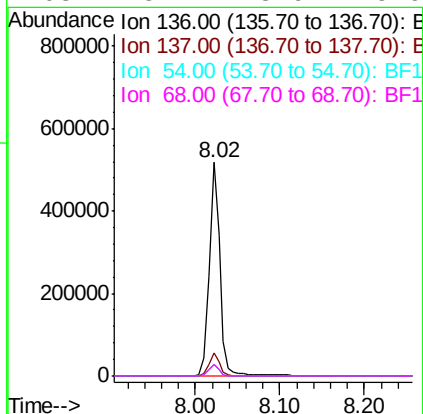
RT: 8.02 min Scan# 1009

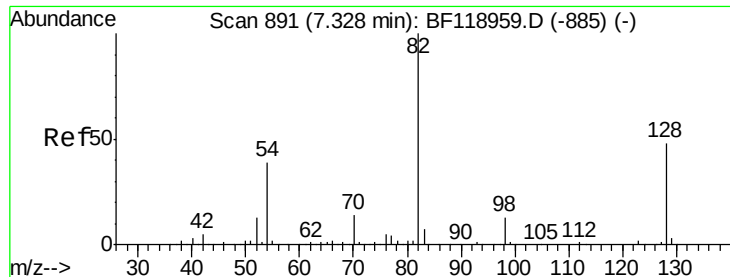
Delta R.T. -0.01 min

Lab File: BF119206.D

Acq: 4 Mar 2020 20:52

Tgt Ion:	136	Resp:	461487
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	5.1	3.8	5.6
68	5.2	3.9	5.9





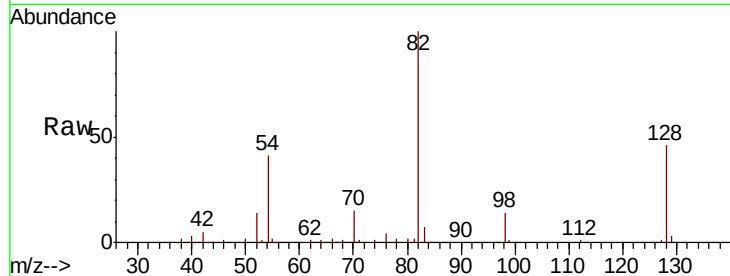
#23
 Nitrobenzene-d5
 Concen: 66.724 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF119206.D
 Acq: 4 Mar 2020 20:52

Instrument :
 BNA_F
 ClientSampled :
 EP-9

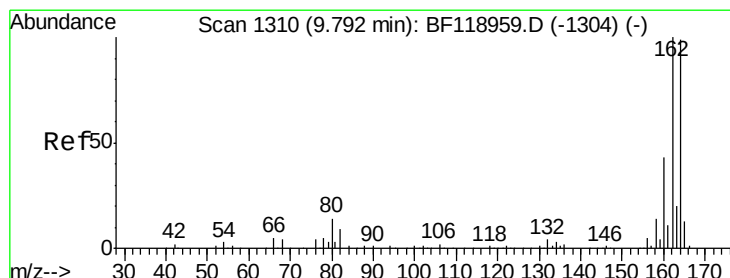
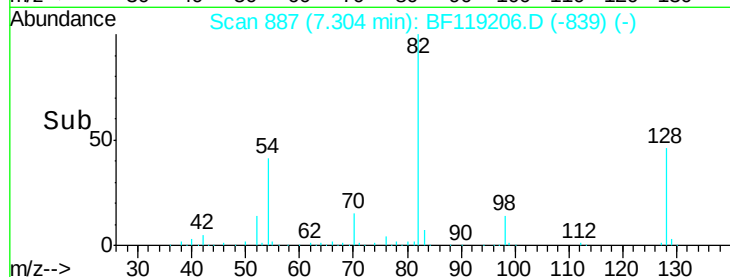
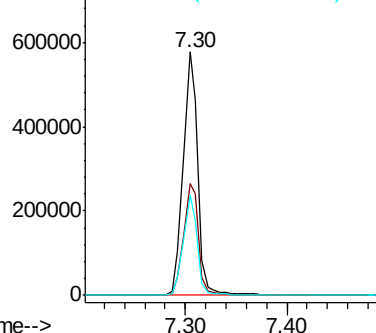
Tot Ion:	82	Resp:	583185
Ion Ratio	Lower	Upper	
82	100		
128	45.8	37.9	56.9
54	41.4	33.4	50.2

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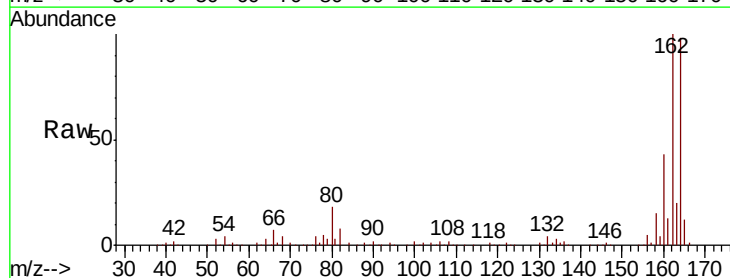


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

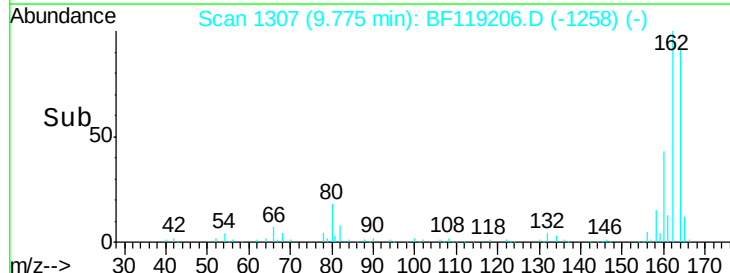
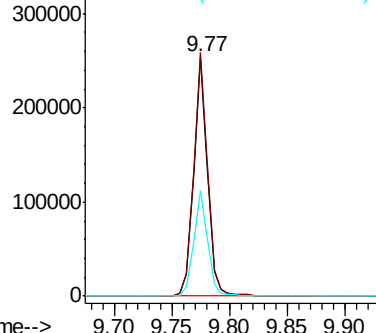


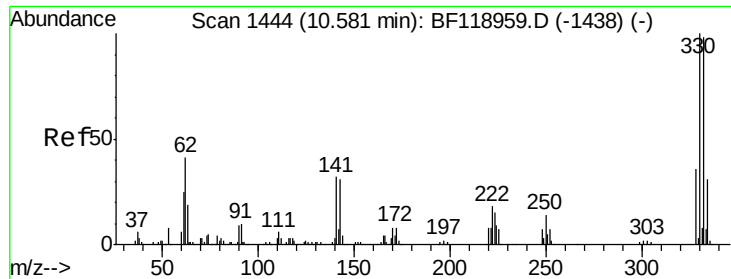
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF119206.D
 Acq: 4 Mar 2020 20:52

Tgt Ion:	164	Resp:	212074
Ion Ratio	Lower	Upper	
164	100		
162	102.0	81.8	122.8
160	44.1	36.0	54.0



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





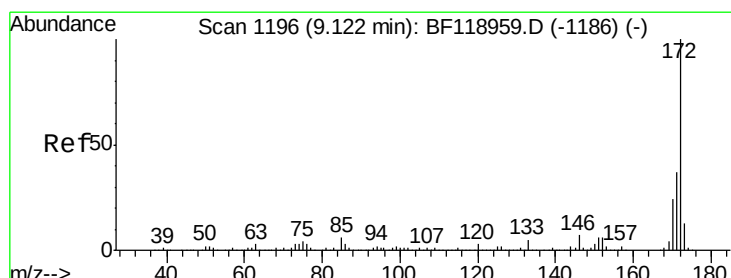
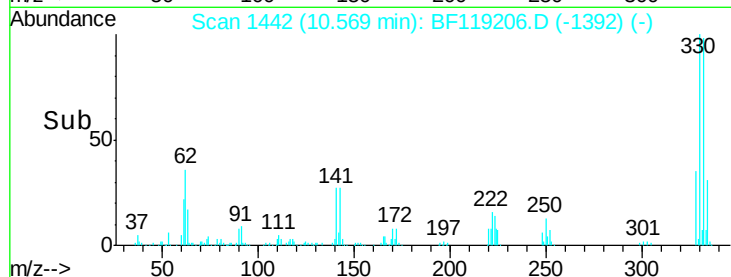
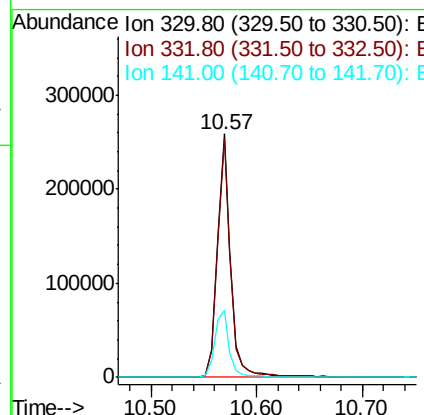
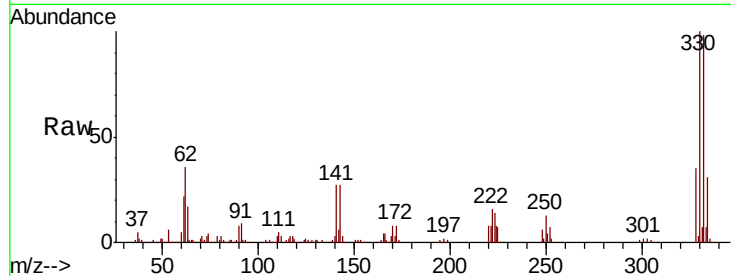
#42
 2,4,6-Tribromophenol
 Concen: 83.720 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119206.D
 Acq: 4 Mar 2020 20:52

Instrument :
 BNA_F
 ClientSampled :
 EP-9

Tot Ion	Ratio	Resp	Lower	Upper
330	100	232264		
332	98.6	76.0	114.0	
141	30.2	22.9	34.3	

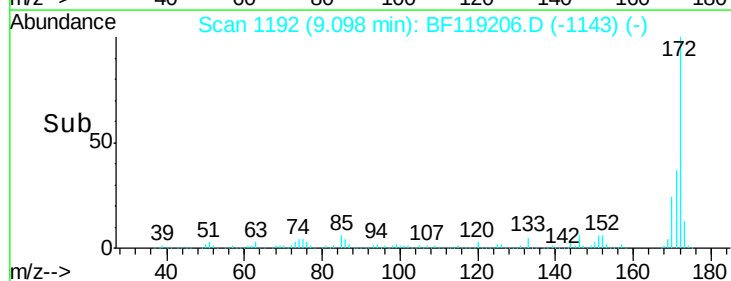
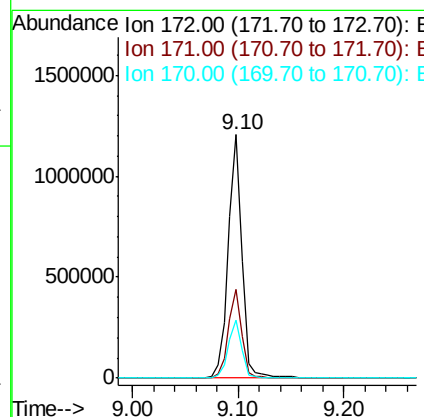
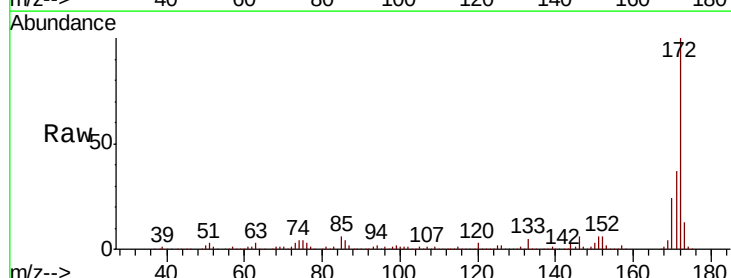
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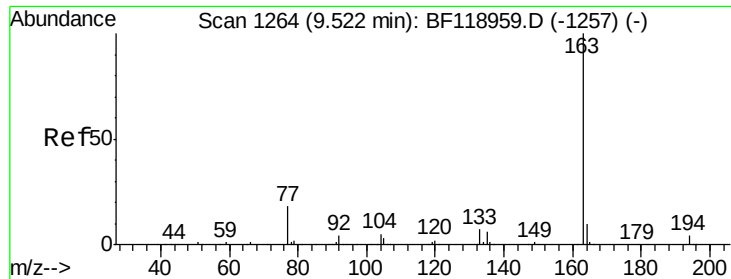
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#45
 2-Fluorobiphenyl
 Concen: 76.533 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119206.D
 Acq: 4 Mar 2020 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1101753		
171	36.6	30.6	45.8	
170	24.0	20.2	30.2	





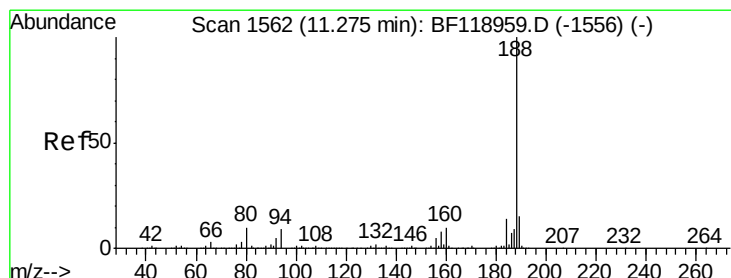
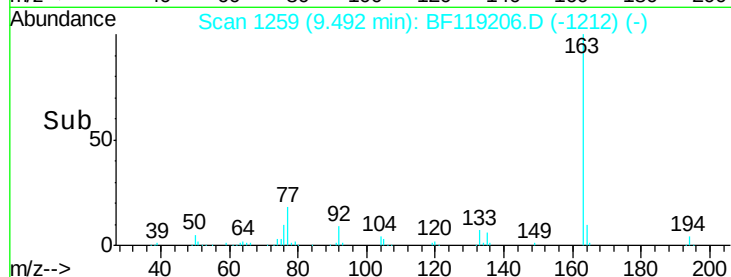
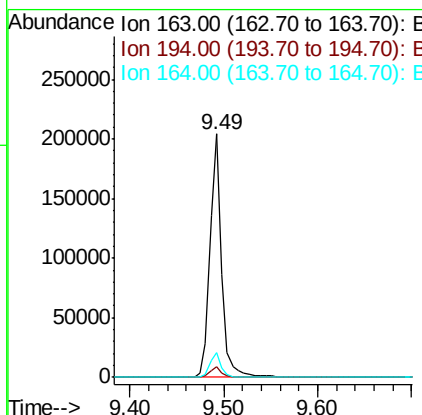
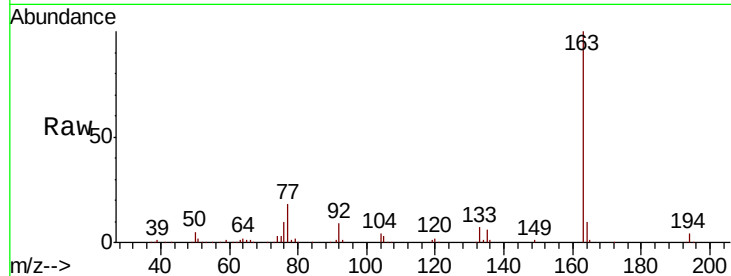
#50
Dimethylphthalate
Concen: 11.103 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF119206.D
Acq: 4 Mar 2020 20:52

Instrument :
BNA_F
ClientSampled :
EP-9

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	9.9	8.4	12.6

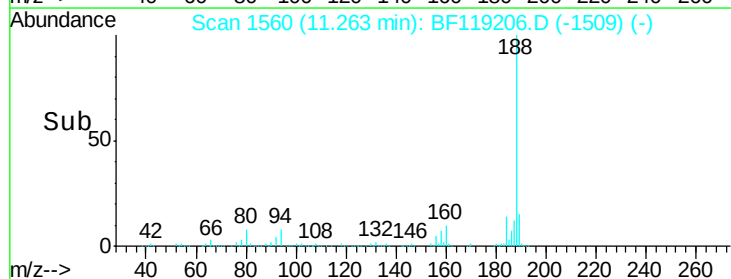
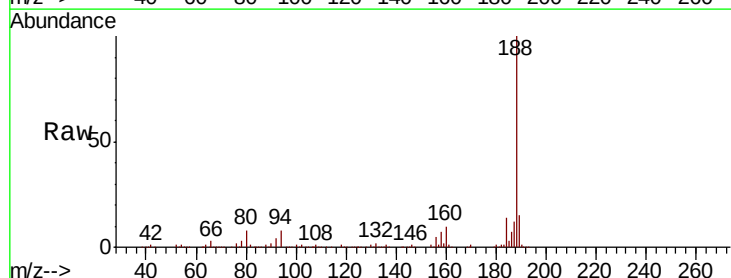
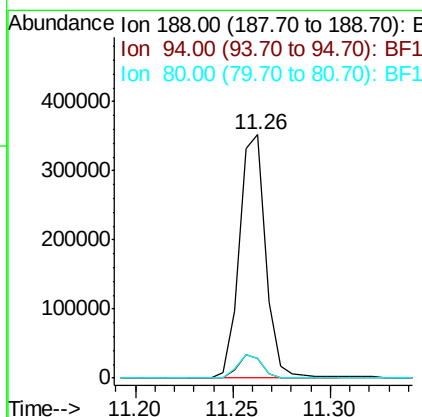
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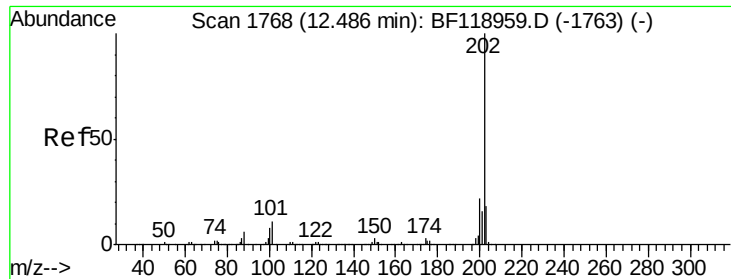
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF119206.D
Acq: 4 Mar 2020 20:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.1	10.7
80	7.9	7.8	11.8





#75

Fluoranthene

Concen: 3.821 ng

RT: 12.47 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF119206.D

Acq: 4 Mar 2020 20:52

Instrument :

BNA_F

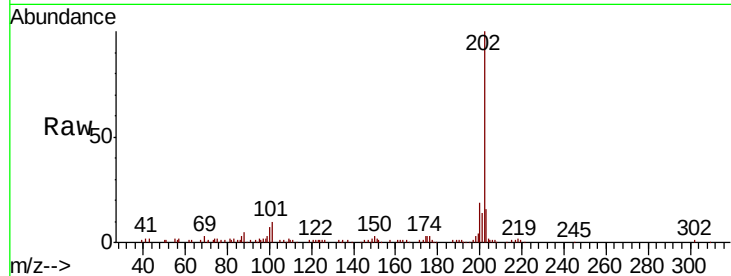
ClientSampled :

EP-9

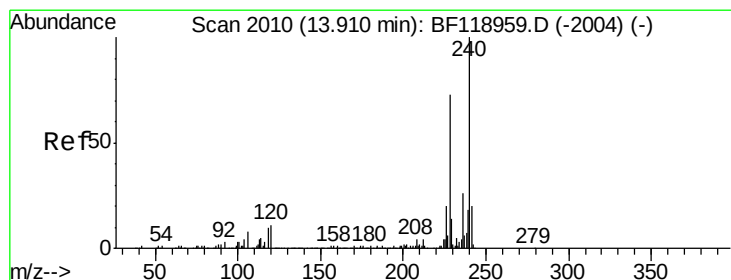
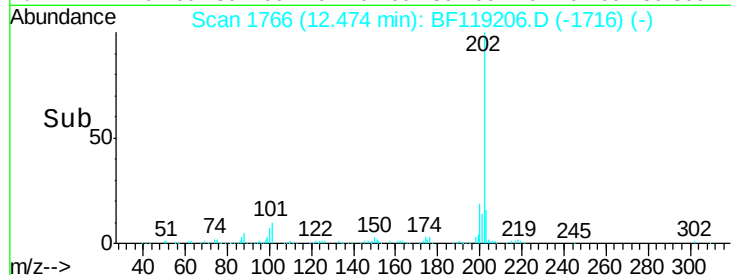
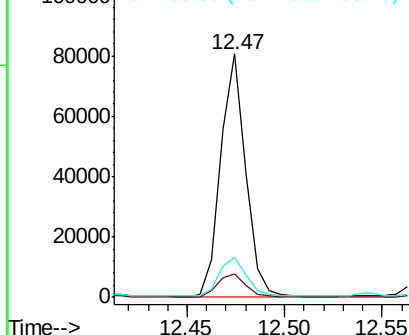
Tot Ion:	202	Resp:	72937
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	30.3
203	16.2	0.0	38.4

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

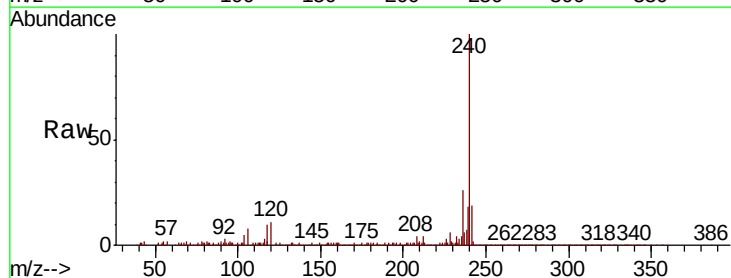
RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

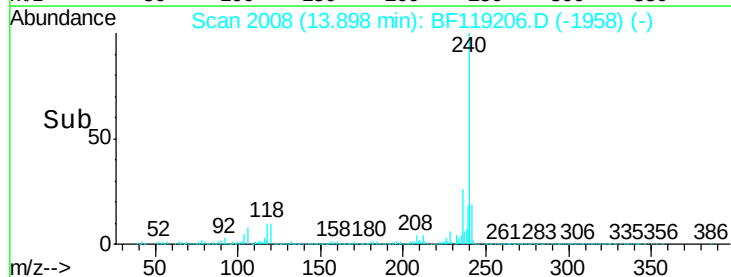
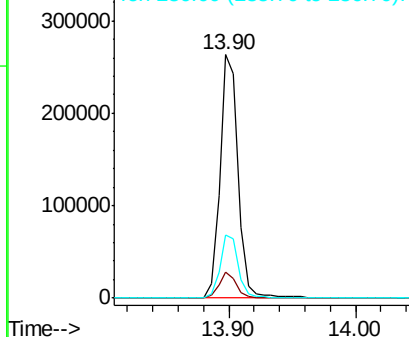
Lab File: BF119206.D

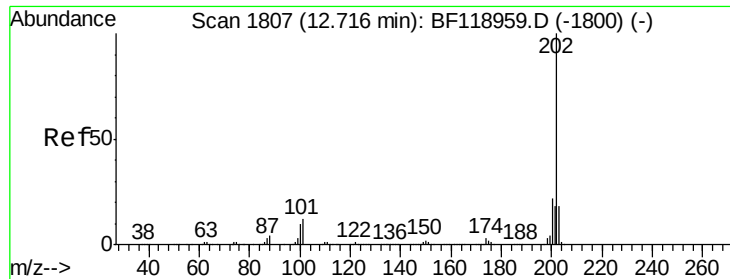
Acq: 4 Mar 2020 20:52

Tgt Ion:	240	Resp:	261098
Ion Ratio	Lower	Upper	
240	100		
120	10.6	8.4	12.6
236	25.9	21.0	31.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





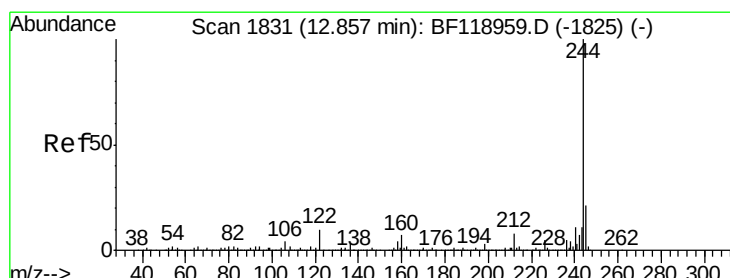
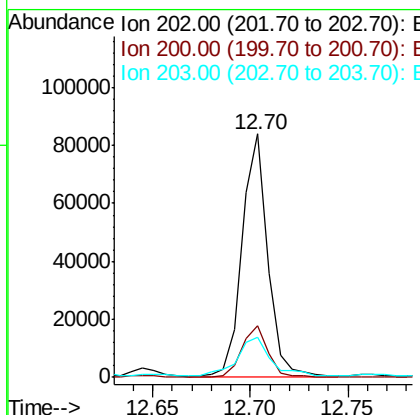
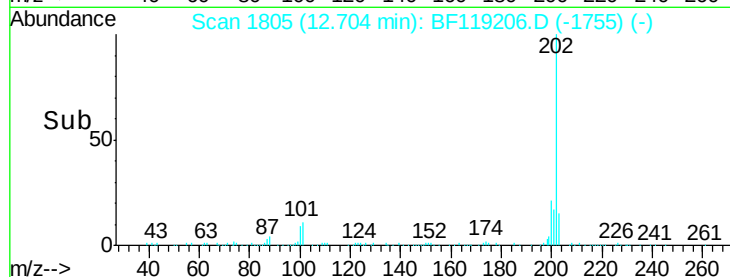
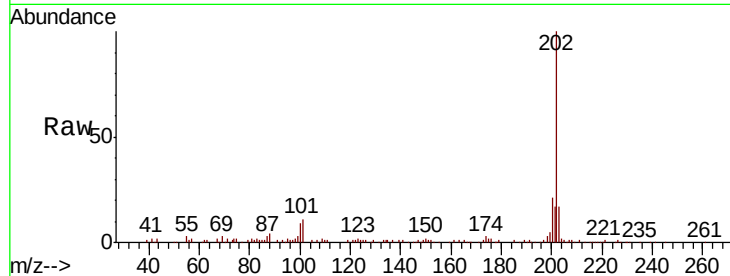
#78
Pvrene
Concen: 3.621 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF119206.D
Acq: 4 Mar 2020 20:52

Instrument :
BNA_F
ClientSampled :
EP-9

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	18.0	27.0
203	16.6	14.6	22.0

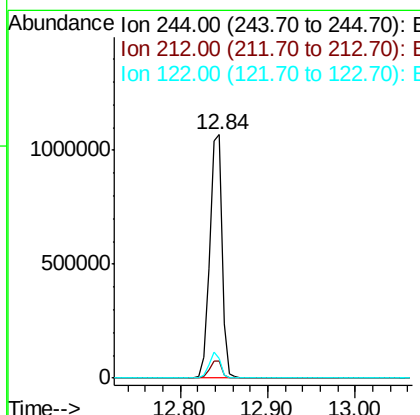
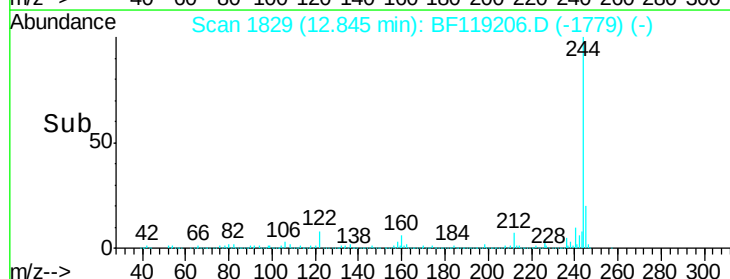
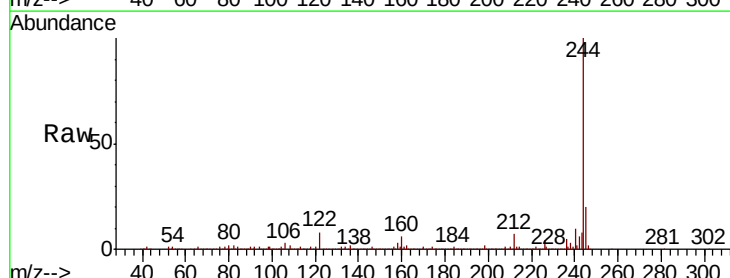
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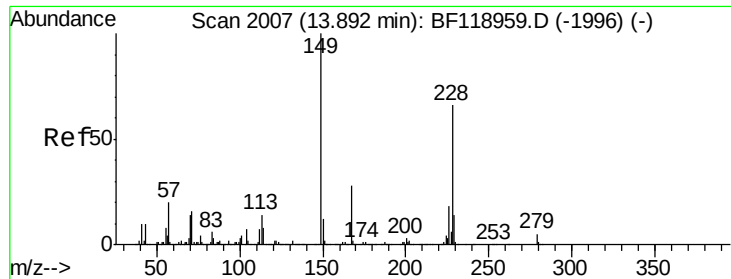
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#79
Terphenyl-d14
Concen: 69.367 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF119206.D
Acq: 4 Mar 2020 20:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.6	10.0
122	8.1	8.2	12.2#





#84

Bis(2-ethylhexyl)phthalate

Concen: 8.143 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF119206.D

Acq: 4 Mar 2020 20:52

Instrument :

BNA_F

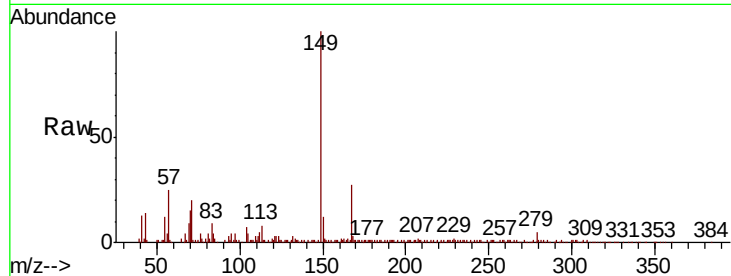
ClientSampled :

EP-9

Tot Ion:	149	Resp:	90774
Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.8	34.2
279	4.6	4.6	6.8

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

100000

50000

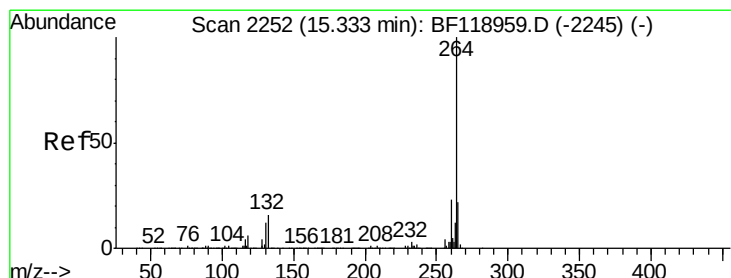
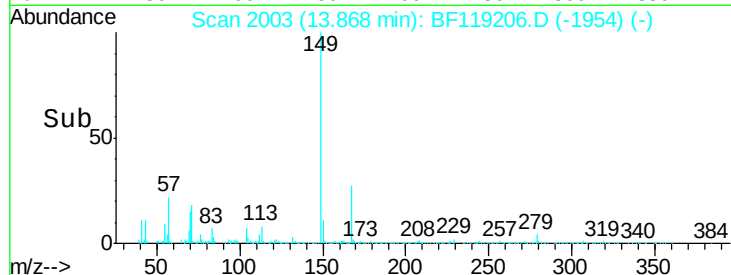
0

13.85

13.87

13.90

Time-->



#87

Perylene-d12

Concen: 20.000 ng

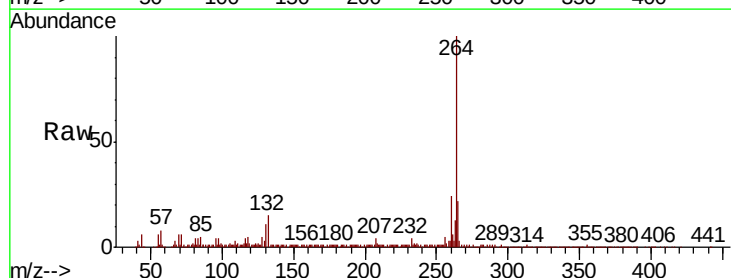
RT: 15.33 min Scan# 2252

Delta R.T. 0.01 min

Lab File: BF119206.D

Acq: 4 Mar 2020 20:52

Tgt Ion:	264	Resp:	216646
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	22.3	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

200000

150000

100000

50000

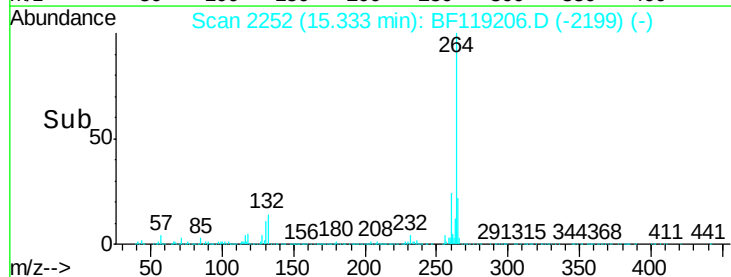
0

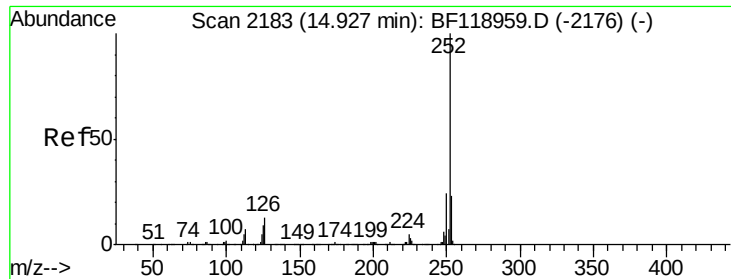
15.30

15.33

15.40

Time-->





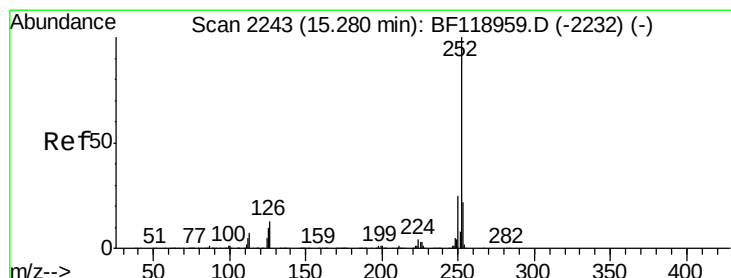
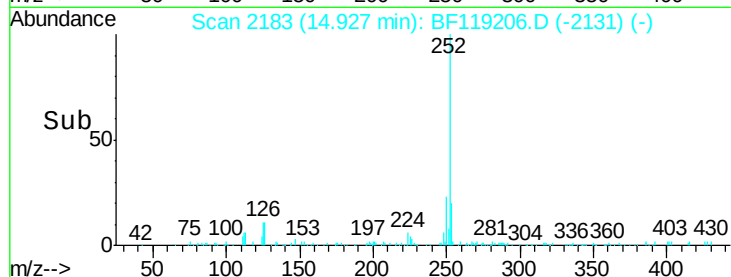
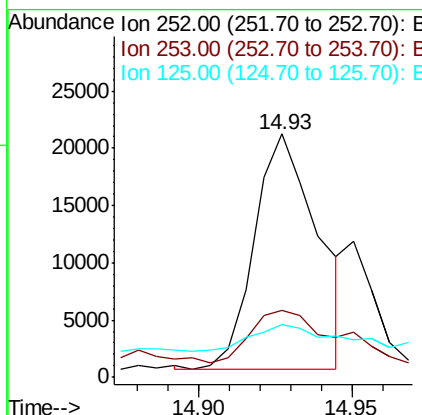
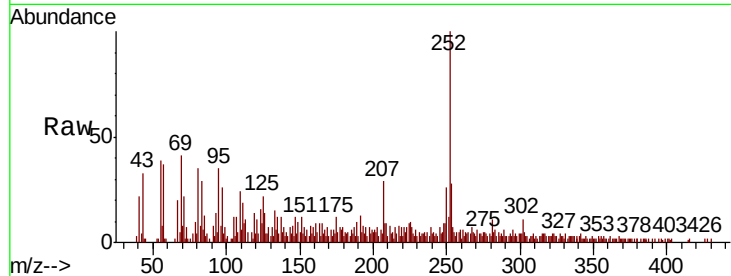
#88
Benzo(b)fluoranthene
Concen: 2.083 ng m
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF119206.D
Acq: 4 Mar 2020 20:52

Instrument :
BNA_F
ClientSampled :
EP-9

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.7	18.1	27.1#
125	21.9	7.4	11.0#

Manual Integrations
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mohammad
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#90
Benzo(a)pyrene
Concen: 2.041 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF119206.D
Acq: 4 Mar 2020 20:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.9	18.0	27.0
125	20.5	8.6	12.8#

