

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
 Data File : BF120435.D
 Acq On : 29 May 2020 13:28
 Operator : MA/SJ
 Sample : L2500-06 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-052220

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Quant Time: May 29 14:02:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 12:39:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	324753	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1242843	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	617060	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	1019822	20.00	ng	0.00
76) Chrysene-d12	13.99	240	619230	20.00	ng	0.00
86) Perylene-d12	15.44	264	644286	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	253592	14.88	ng	0.00
7) Phenol-d6	6.45	99	336819	16.04	ng	-0.02
23) Nitrobenzene-d5	7.39	82	209192	11.01	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	82189	14.38	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	476791	13.11	ng	0.00
79) Terphenyl-d14	12.94	244	396208	14.24	ng	0.00
Target Compounds						
88) Benzo(b)fluoranthene	15.02	252	73155m	2.044	ng	Qvalue

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

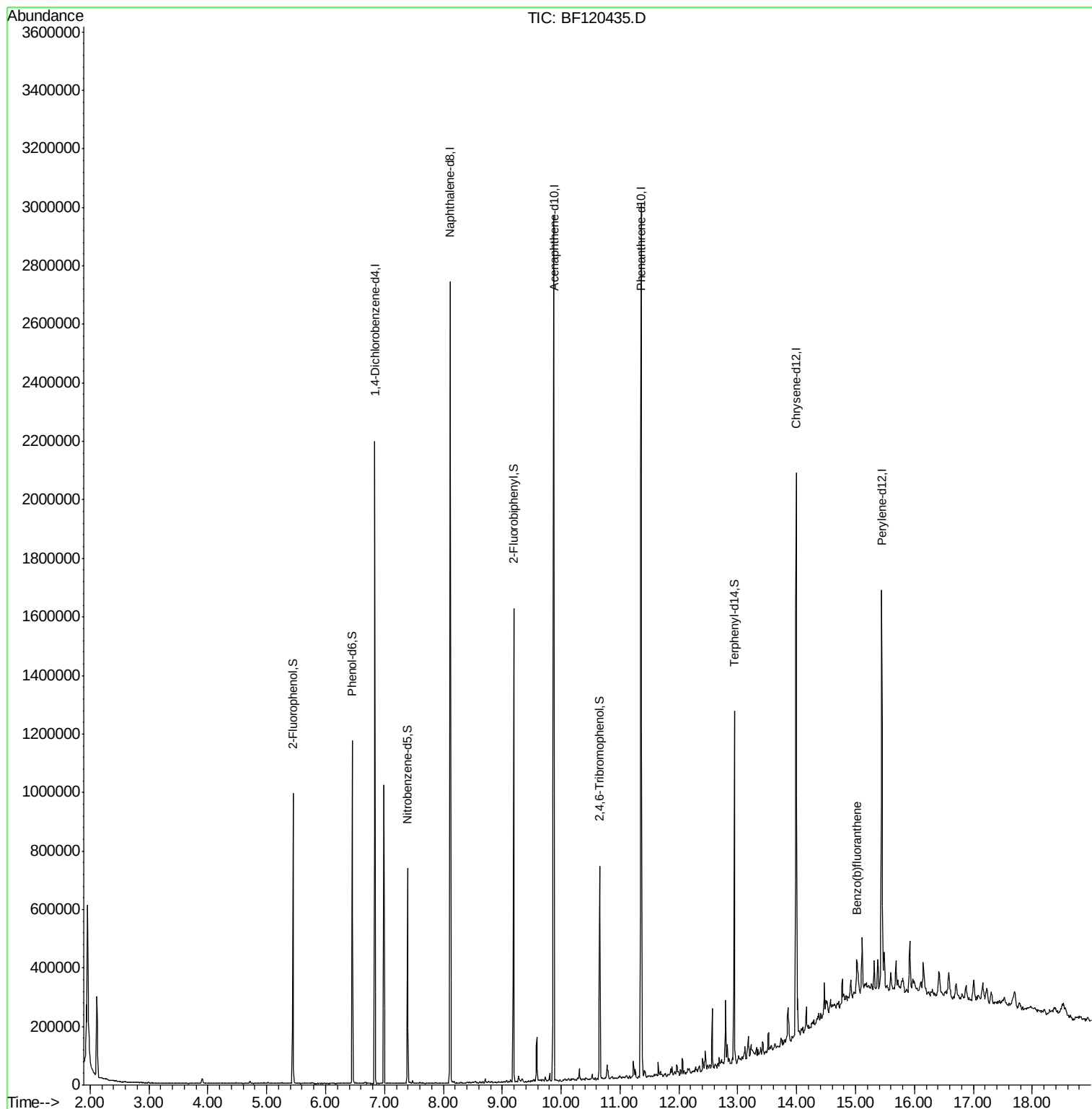
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120435.D
Acq On : 29 May 2020 13:28
Operator : MA/SJ
Sample : L2500-06 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

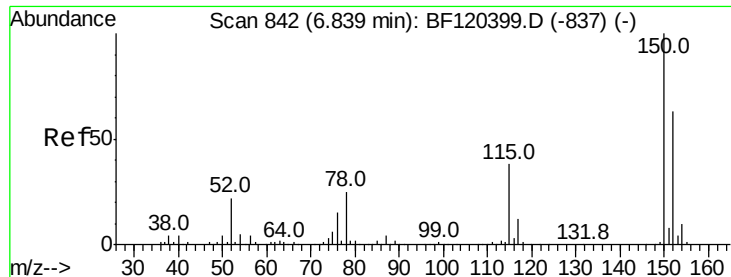
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#1

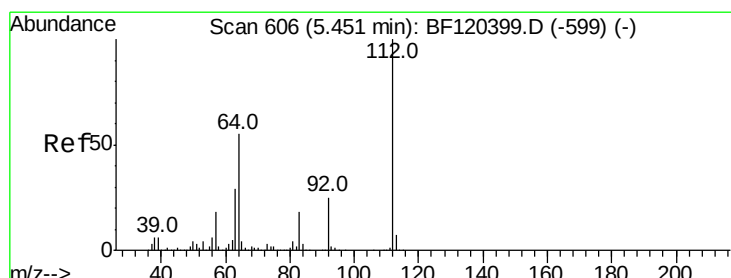
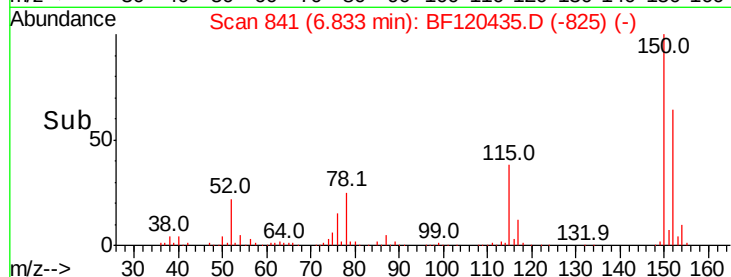
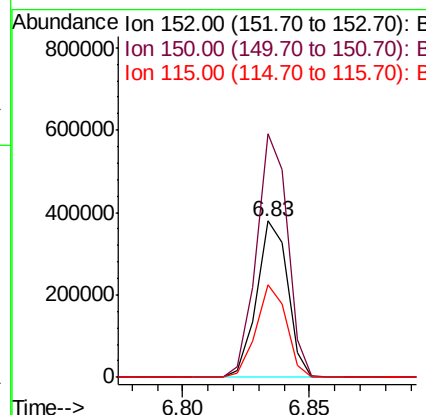
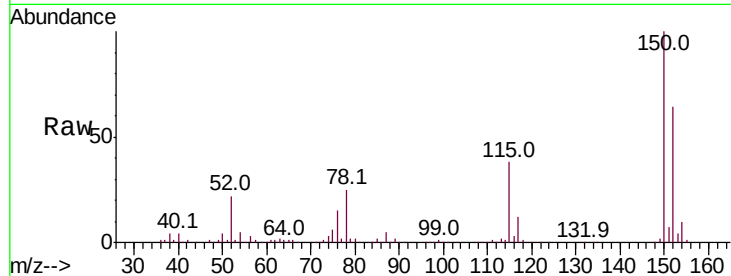
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF120435.D
Acq: 29 May 2020 13:28

Instrument :
BNA_F
ClientSampleId :
OK-03-052220

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.5	189.7
115	59.5	47.6	71.4

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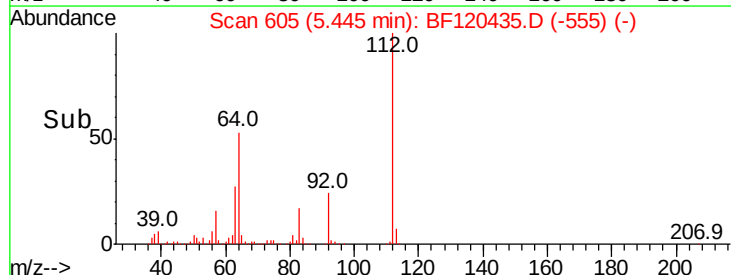
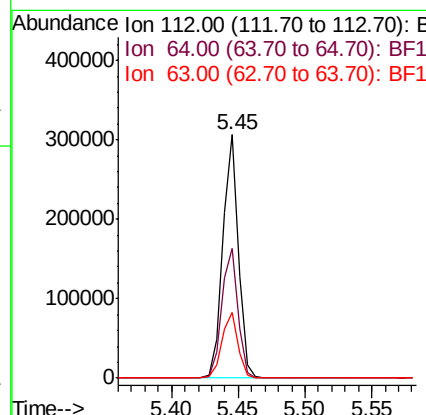
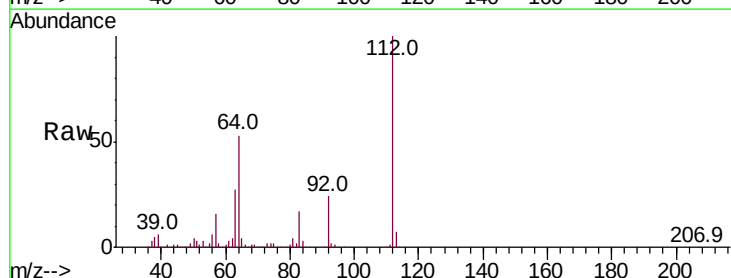
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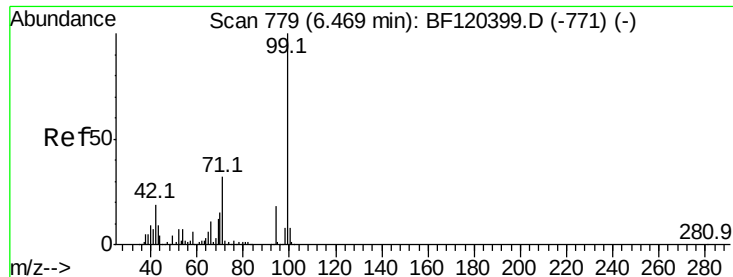


#5

2-Fluorophenol
Concen: 14.882 ng
RT: 5.45 min Scan# 605
Delta R.T. -0.01 min
Lab File: BF120435.D
Acq: 29 May 2020 13:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	44.3	66.5
63	26.8	22.9	34.3





#7

Phenol-d6

Concen: 16.036 ng

RT: 6.45 min Scan# 776

Delta R.T. -0.02 min

Lab File: BF120435.D

Acq: 29 May 2020 13:28

Instrument :

BNA_F

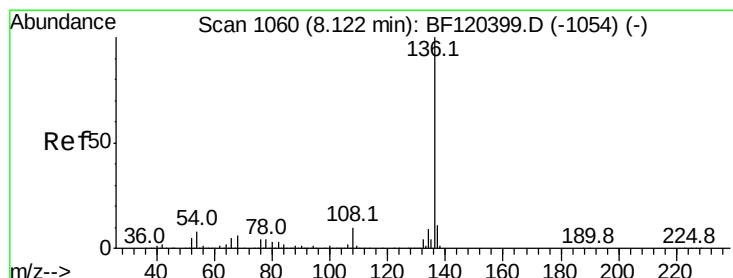
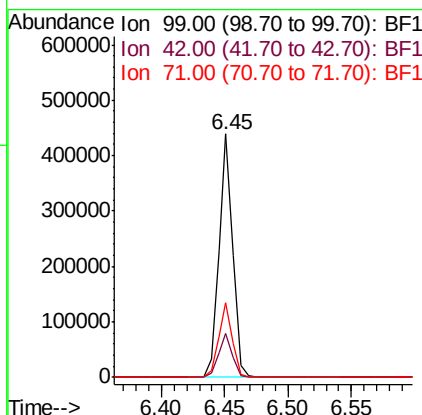
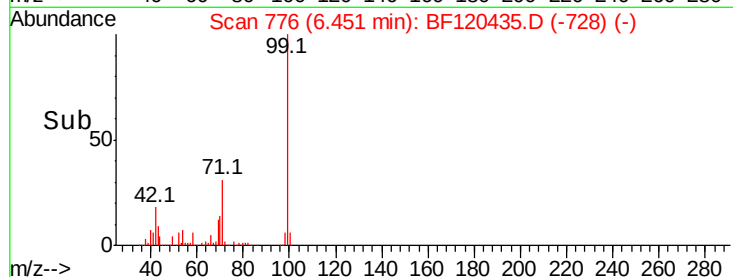
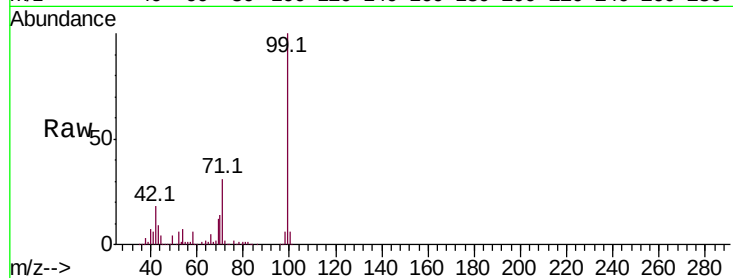
ClientSampleId :

OK-03-052220

Tot Ion:	99	Resp:	336819
Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.2	22.8
71	30.8	25.6	38.4

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#21

Naphthalene-d8

Concen: 20.000 ng

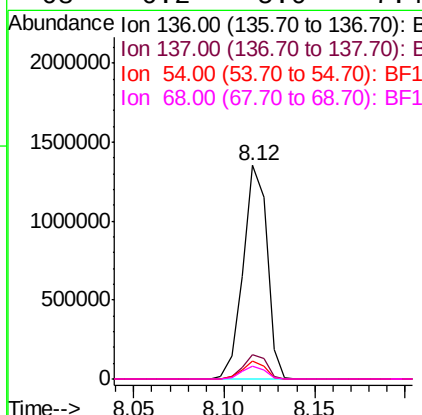
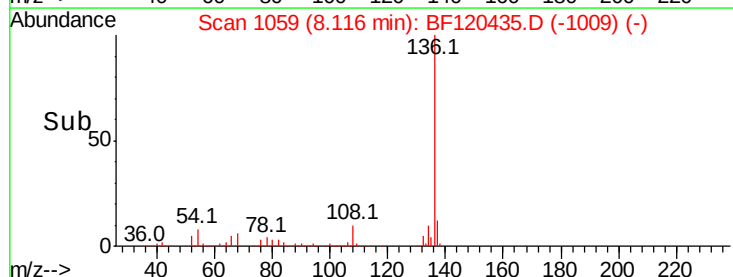
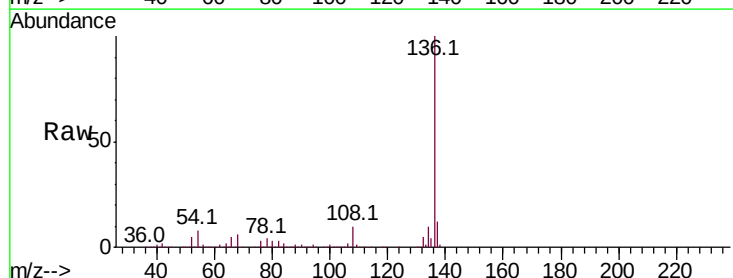
RT: 8.12 min Scan# 1059

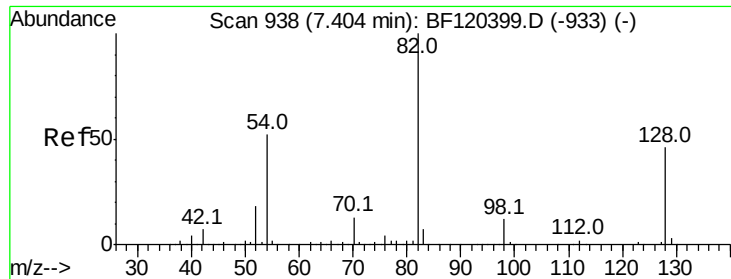
Delta R.T. -0.01 min

Lab File: BF120435.D

Acq: 29 May 2020 13:28

Tgt Ion:	136	Resp:	1242843
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	8.2	6.7	10.1
68	6.2	5.0	7.4





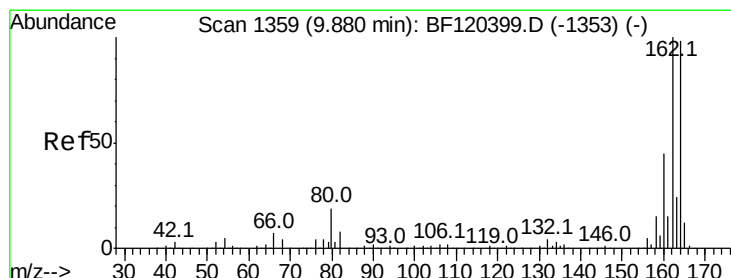
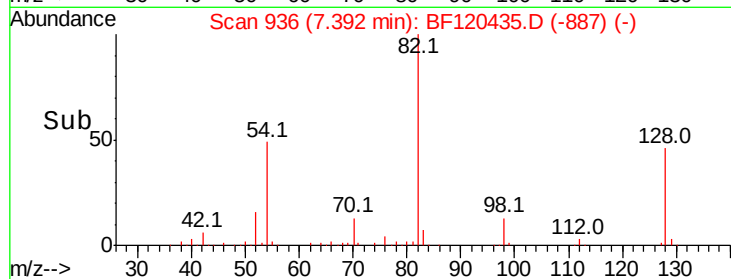
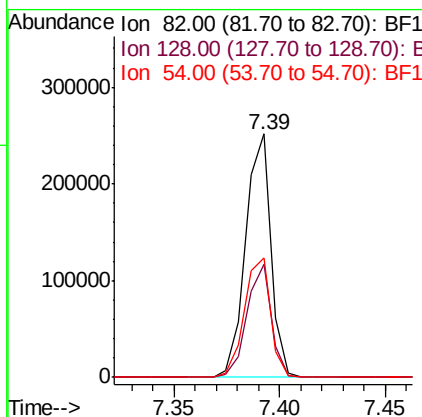
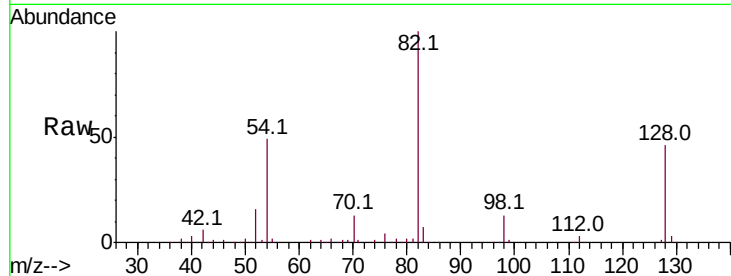
#23
 Nitrobenzene-d5
 Concen: 11.010 ng
 RT: 7.39 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF120435.D
 Acq: 29 May 2020 13:28

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-052220

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.8	55.2
54	49.1	41.6	62.4

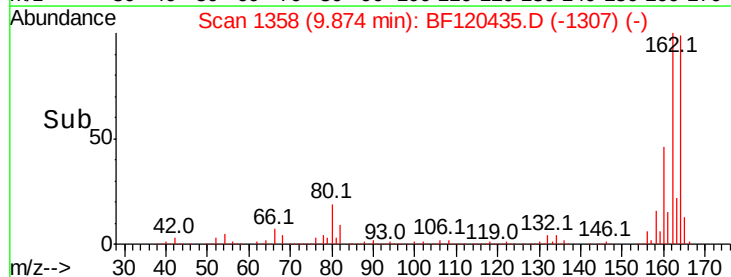
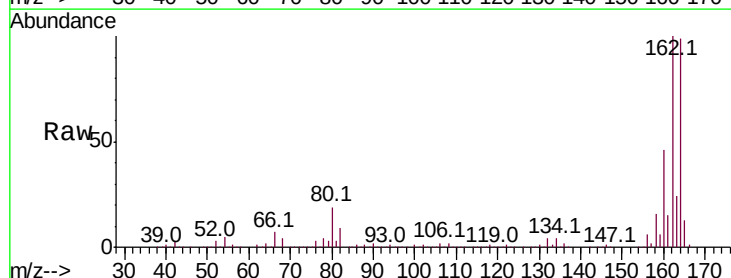
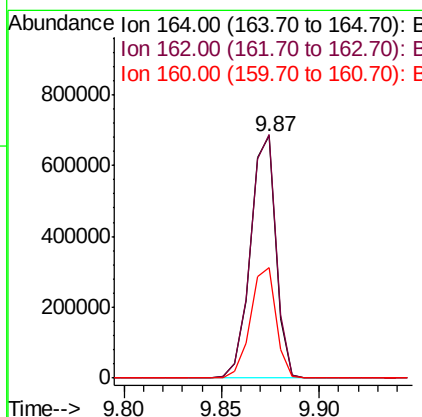
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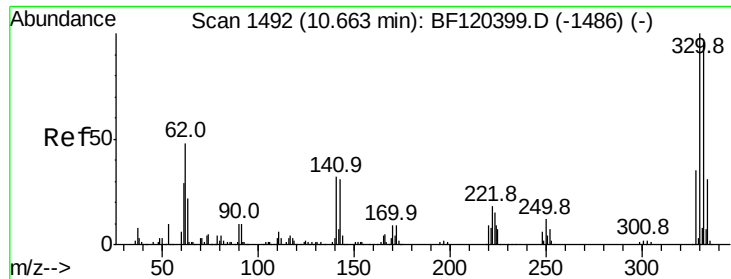
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1358
 Delta R.T. -0.00 min
 Lab File: BF120435.D
 Acq: 29 May 2020 13:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.3	121.9
160	45.8	36.9	55.3





#42

2,4,6-Tribromophenol

Concen: 14.375 ng

RT: 10.66 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BF120435.D

Acq: 29 May 2020 13:28

Instrument :

BNA_F

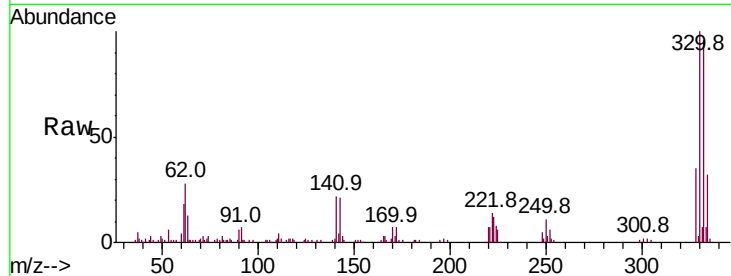
ClientSampleId :

OK-03-052220

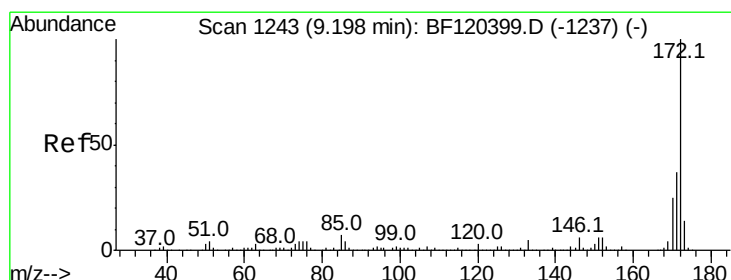
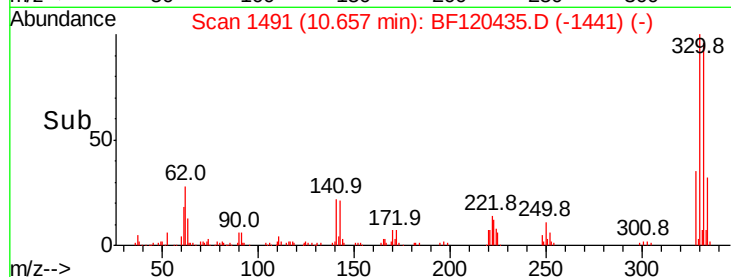
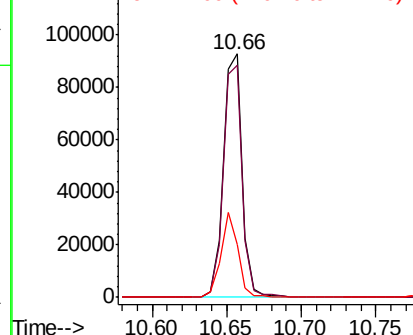
Tot Ion:	330	Resp:	82189
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.0	115.6
141	31.8	25.3	37.9

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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: 13.110 ng

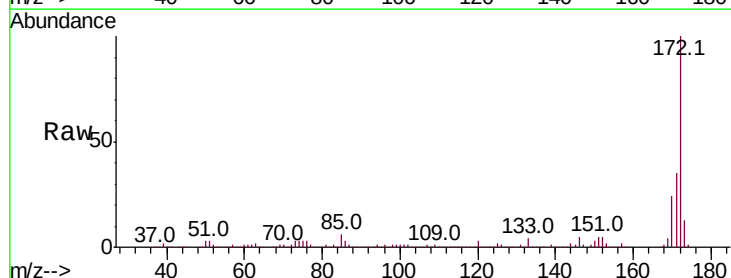
RT: 9.19 min Scan# 1242

Delta R.T. -0.01 min

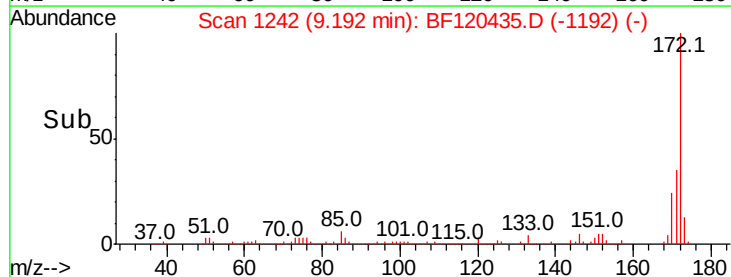
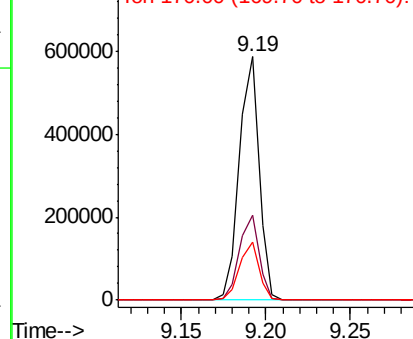
Lab File: BF120435.D

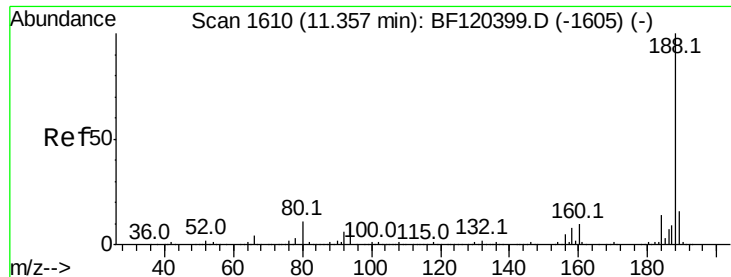
Acq: 29 May 2020 13:28

Tgt Ion:	172	Resp:	476791
Ion Ratio	Lower	Upper	
172	100		
171	35.0	29.7	44.5
170	23.8	19.9	29.9



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BF120435.D

Acq: 29 May 2020 13:28

Instrument :

BNA_F

ClientSampleId :

OK-03-052220

Tot Ion:188 Resp: 1019822

Ion Ratio Lower Upper

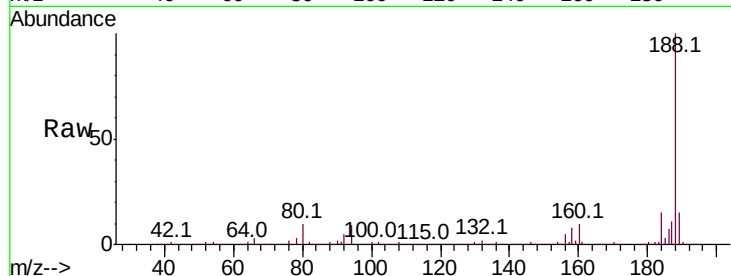
188 100

94 9.2 7.9 11.9

80 9.6 8.6 13.0

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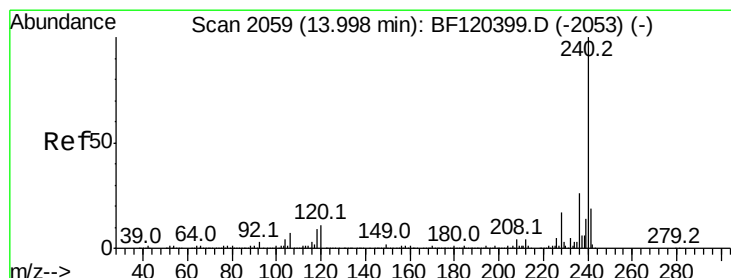
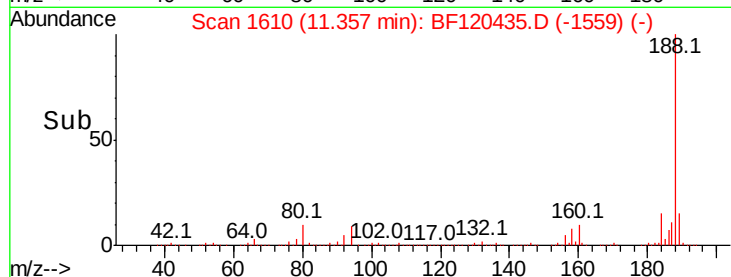
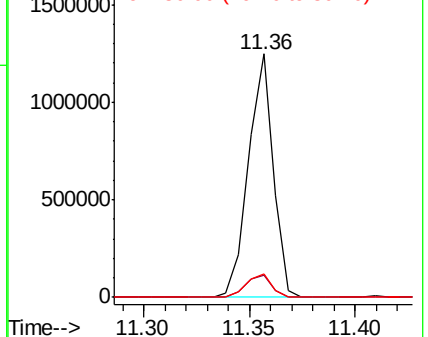
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BF120435.D

Acq: 29 May 2020 13:28

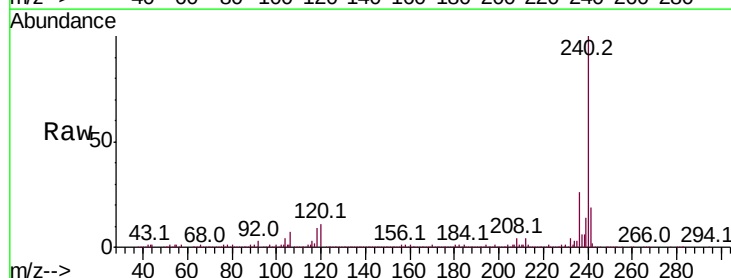
Tgt Ion:240 Resp: 619230

Ion Ratio Lower Upper

240 100

120 10.7 8.8 13.2

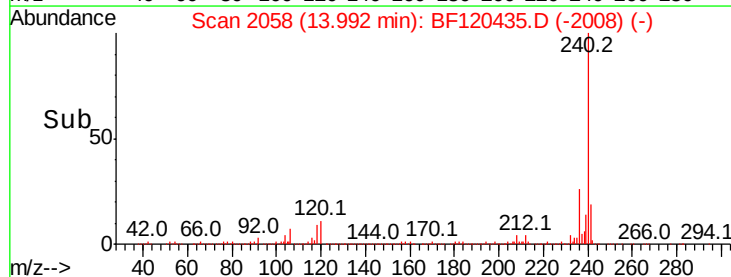
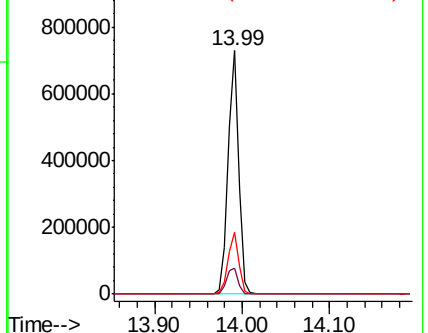
236 25.6 21.0 31.4

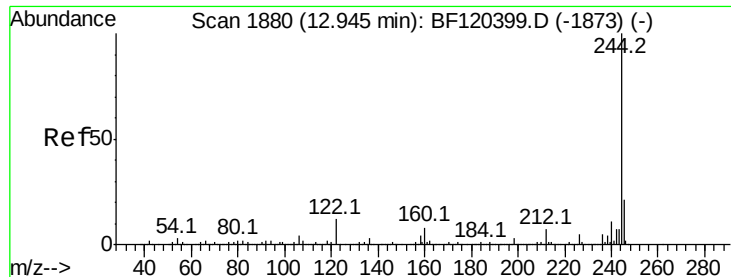


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





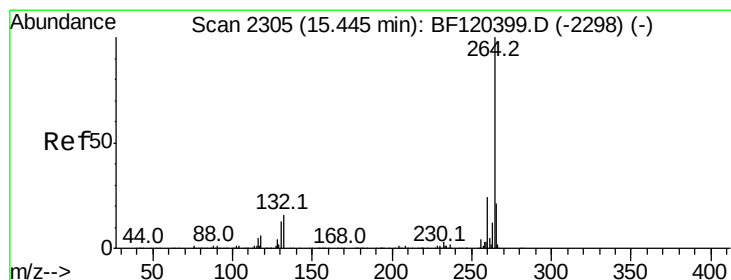
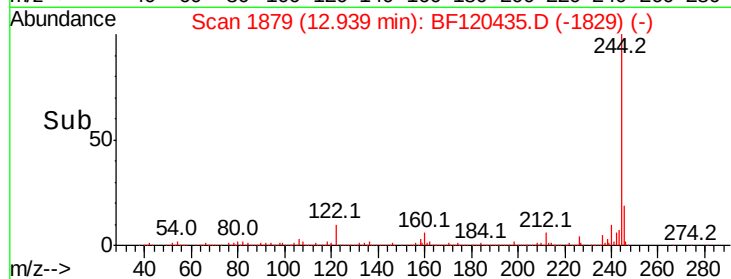
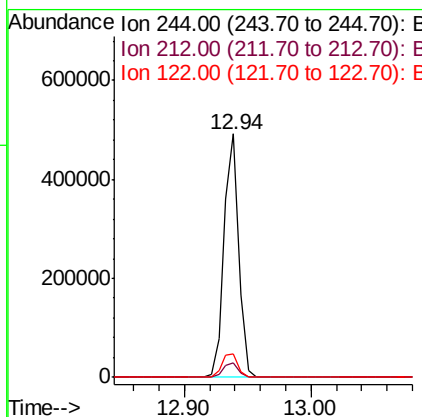
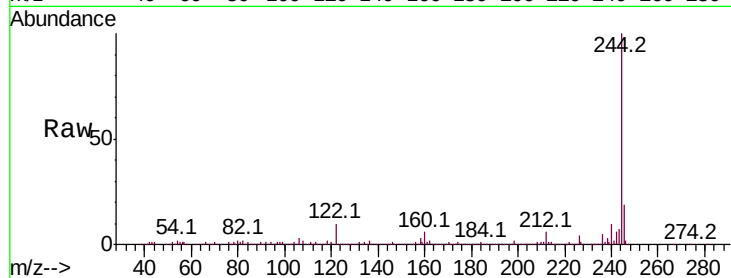
#79
 Terphenyl-d14
 Concen: 14.238 ng
 RT: 12.94 min Scan# 1879
 Delta R.T. -0.01 min
 Lab File: BF120435.D
 Acq: 29 May 2020 13:28

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-052220

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.9	8.9
122	9.8	9.2	13.8

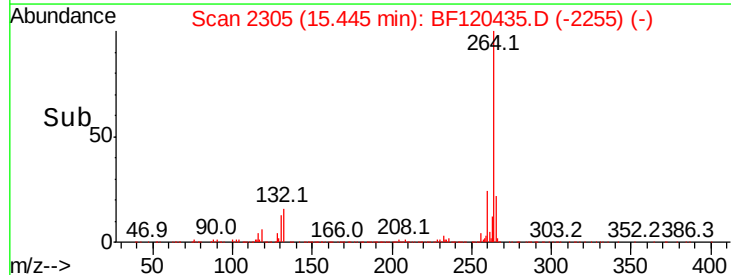
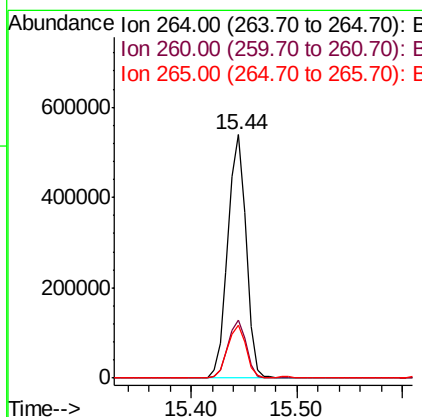
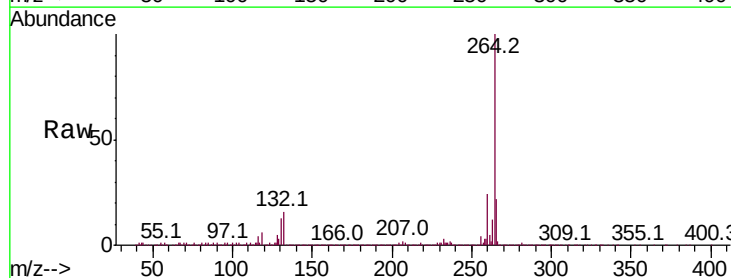
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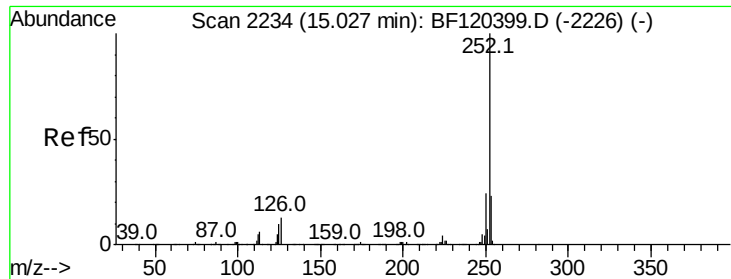
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2305
 Delta R.T. -0.01 min
 Lab File: BF120435.D
 Acq: 29 May 2020 13:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.9	16.9	25.3





#88
 Benzo(b)fluoranthene
 Concen: 2.044 ng m
 RT: 15.02 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BF120435.D
 Acq: 29 May 2020 13:28

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-052220

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.1	27.1
125	13.3	7.8	11.8

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