

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
 Data File : BF115614.D
 Acq On : 16 Jul 2019 22:51
 Operator : HP/JU
 Sample : K3623-05 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-071519-C

Manual Integrations
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mohammad
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Quant Time: Jul 17 06:31:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	171940	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	624941	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	305025	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	565418	20.00	ng	0.00
76) Chrysene-d12	14.05	240	402825	20.00	ng	0.00
87) Perylene-d12	15.53	264	348264	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	440870	41.94	ng	0.00
7) Phenol-d6	6.51	99	552648	41.43	ng	0.00
23) Nitrobenzene-d5	7.44	82	332929	30.98	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	135388	38.03	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	603036	34.60	ng	-0.01
79) Terphenyl-d14	13.00	244	688400	31.53	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.63	163	69130	3.012	ng	Qvalue # 97
71) Phenanthrene	11.43	178	149959	5.174	ng	96
75) Fluoranthene	12.62	202	131403	4.290	ng	97
78) Pyrene	12.86	202	213852	6.266	ng	96
81) Benzo(a)anthracene	14.04	228	67371m	2.539	ng	
83) Chrysene	14.07	228	73424	2.756	ng	# 95
88) Benzo(b)fluoranthene	15.09	252	56625m	2.525	ng	
90) Benzo(a)pyrene	15.46	252	51836	2.689	ng	# 72

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

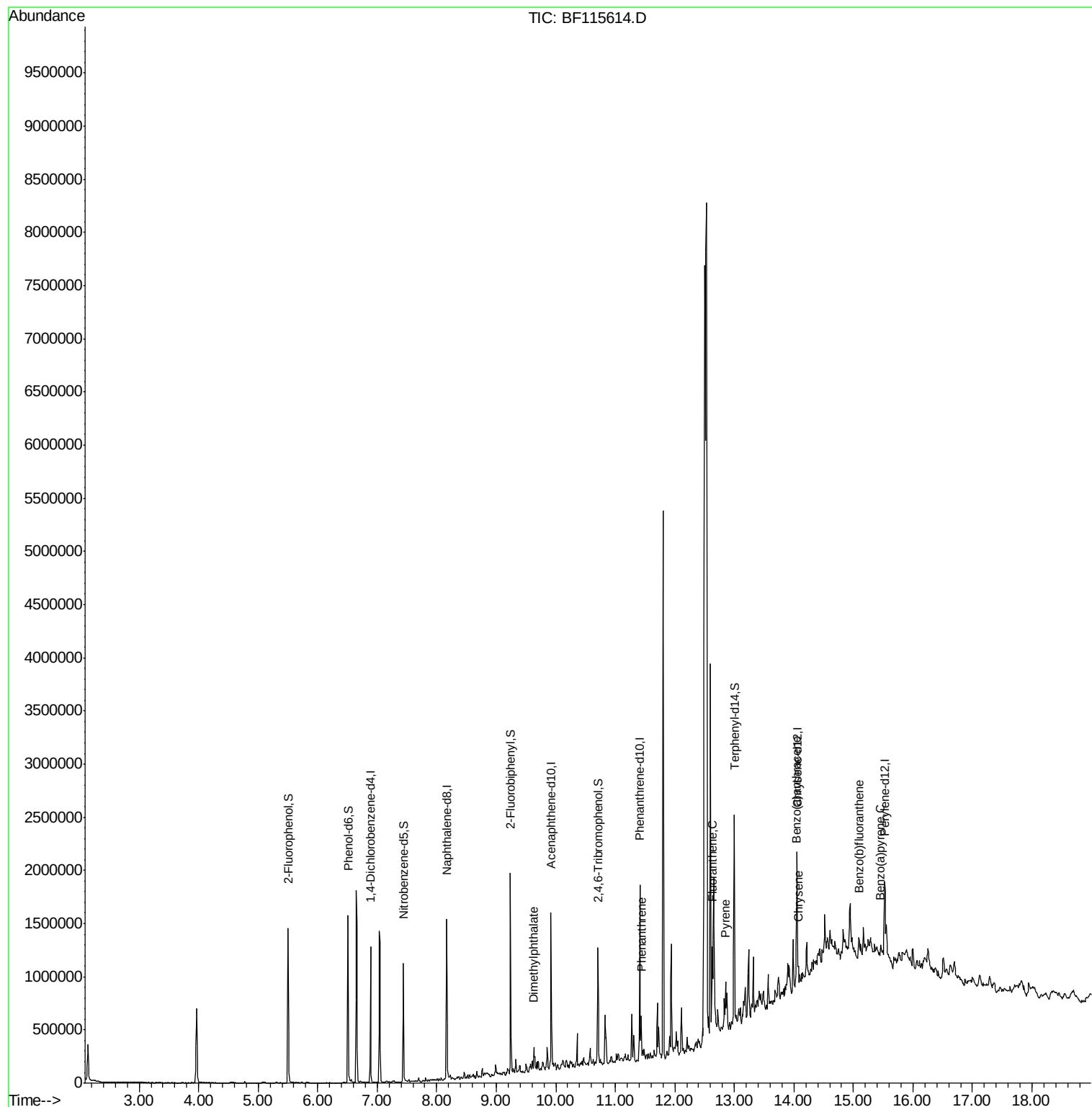
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
Data File : BF115614.D
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Sample : K3623-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

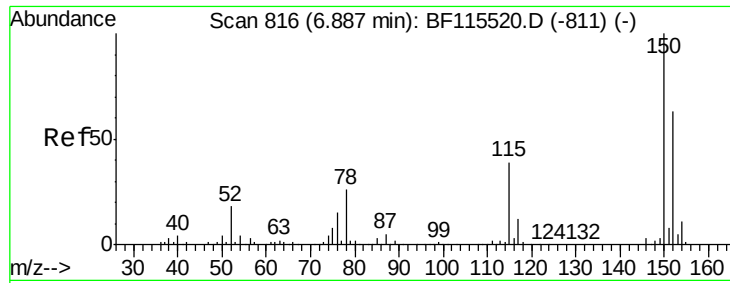
Instrument :
BNA_F
ClientSampleId :
EO-02-071519-C

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Quant Time: Jul 17 06:31:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration





#1

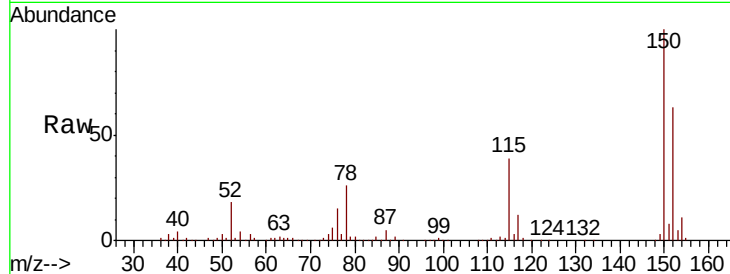
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF115614.D
Acq: 16 Jul 2019 22:51

Instrument :
BNA_F
ClientSampleId :
EO-02-071519-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	129.7	194.5
115	61.7	48.2	72.4

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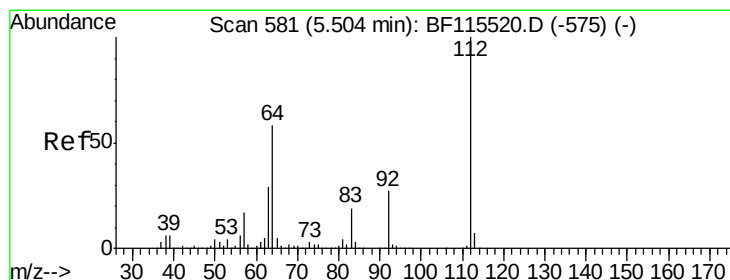
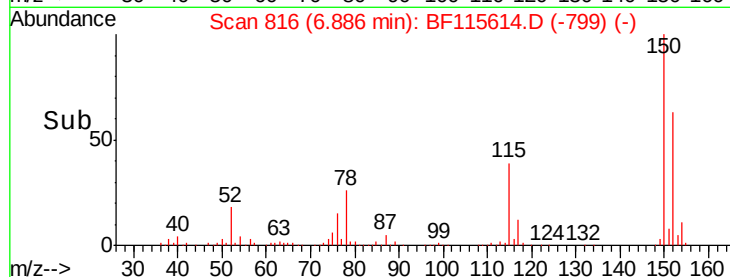
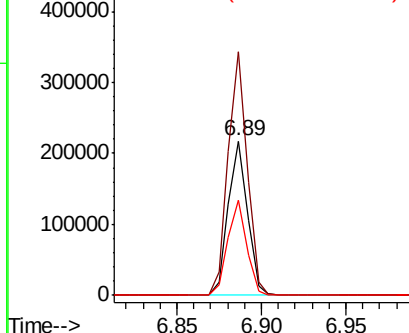


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

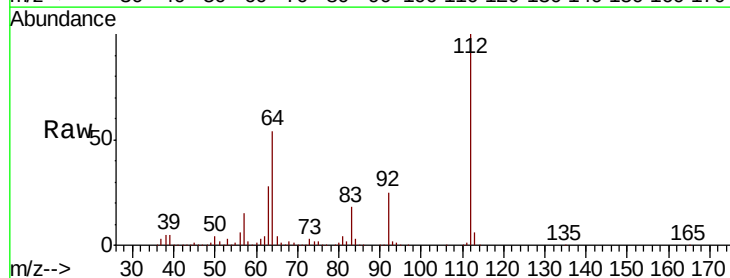
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 41.941 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF115614.D
Acq: 16 Jul 2019 22:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	46.8	70.2
63	27.5	24.1	36.1

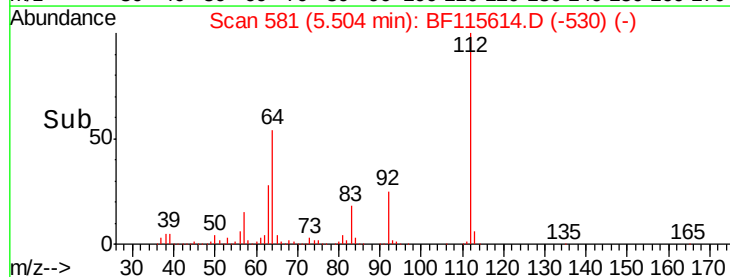
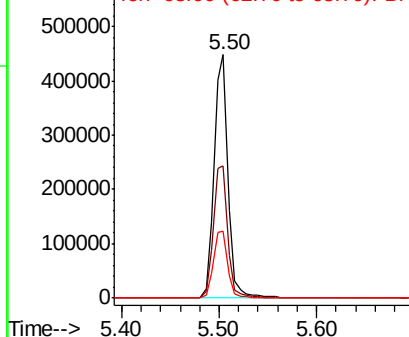


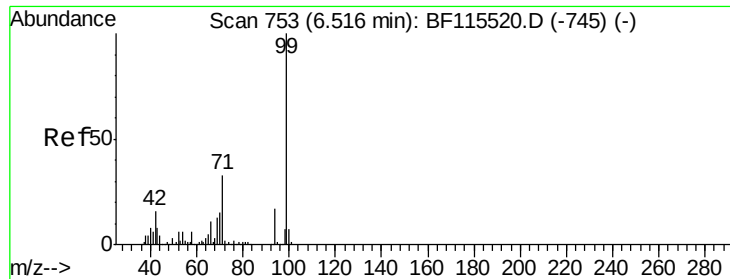
Abundance

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: 41.434 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115614.D

Acq: 16 Jul 2019 22:51

Instrument :

BNA_F

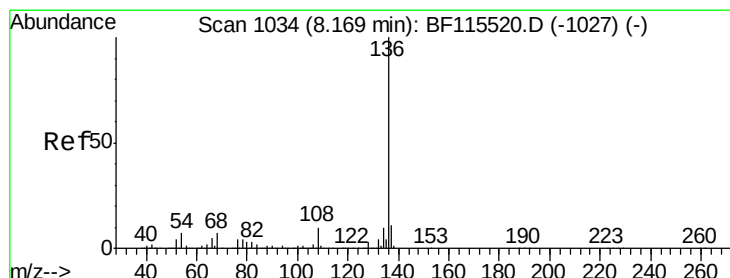
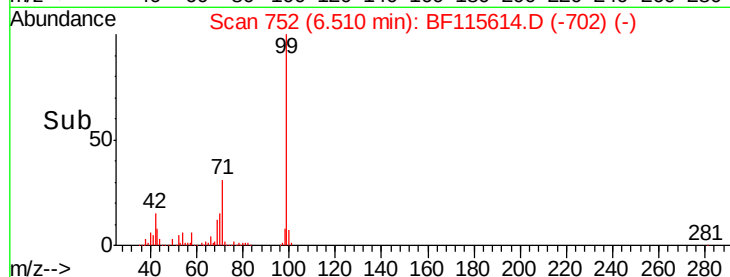
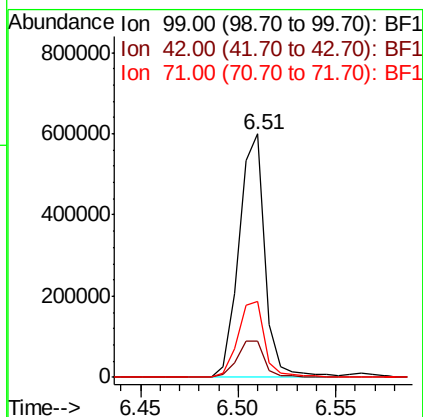
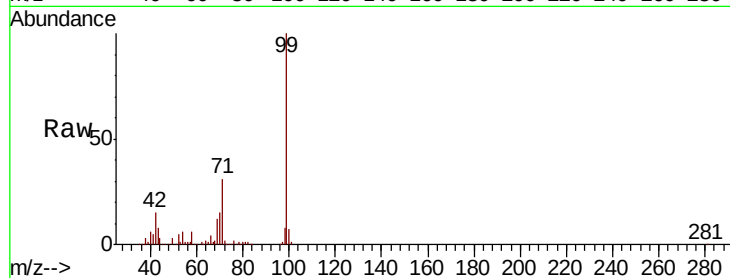
ClientSampleId :

EO-02-071519-C

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		552648		
42	15.1	13.6	20.4		
71	31.4	28.5	42.7		

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#21

Naphthalene-d8

Concen: 20.000 ng

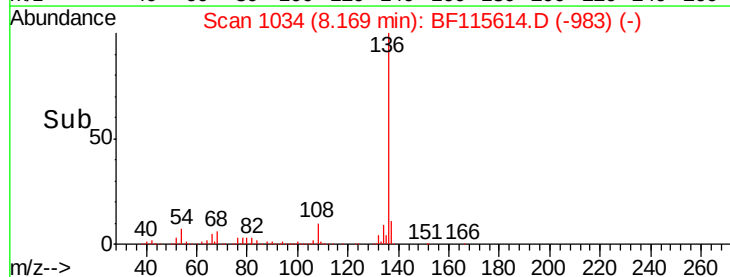
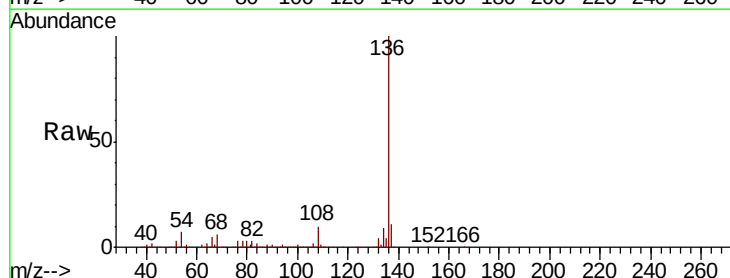
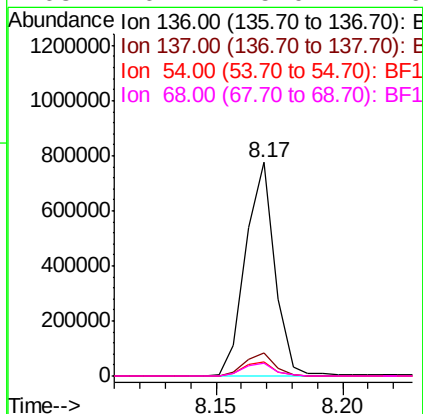
RT: 8.17 min Scan# 1034

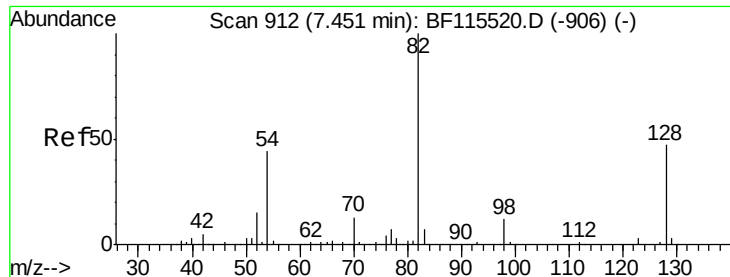
Delta R.T. -0.00 min

Lab File: BF115614.D

Acq: 16 Jul 2019 22:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		624941		
137	10.9	9.0	13.4		
54	6.6	5.6	8.4		
68	6.1	5.0	7.6		





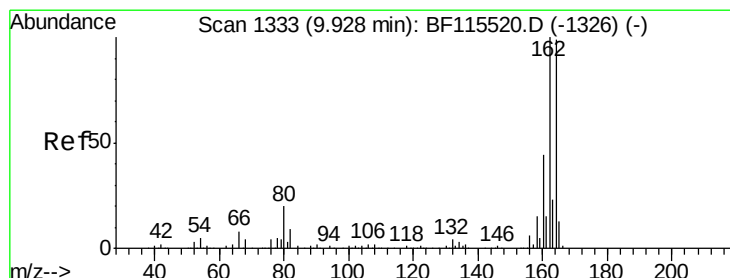
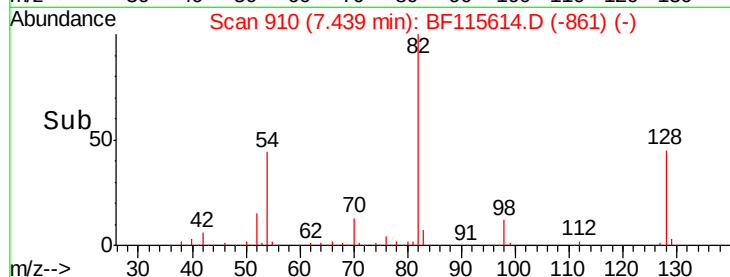
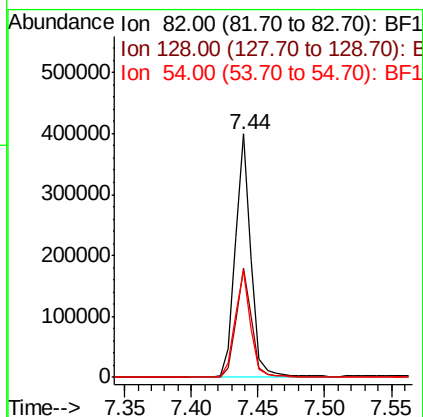
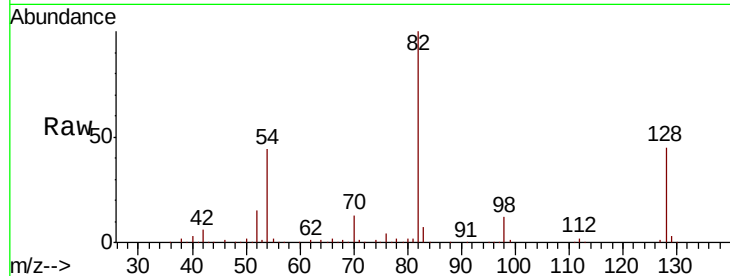
#23
 Nitrobenzene-d5
 Concen: 30.977 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF115614.D
 Acq: 16 Jul 2019 22:51

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-071519-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	38.6	57.8
54	43.7	35.6	53.4

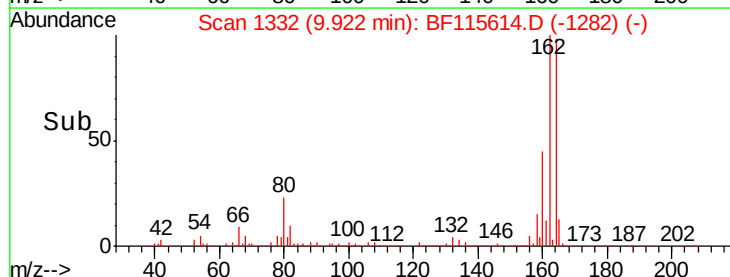
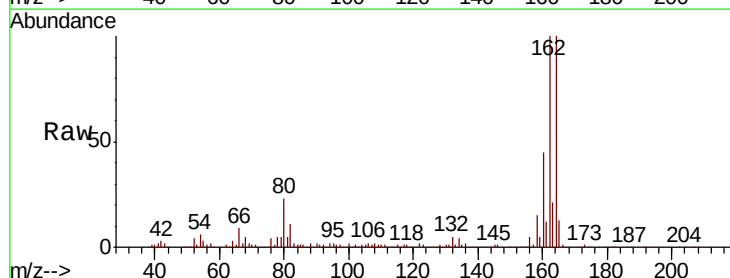
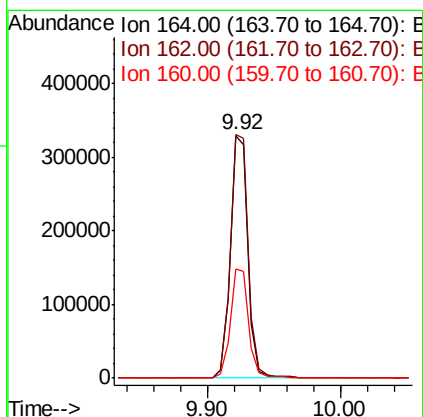
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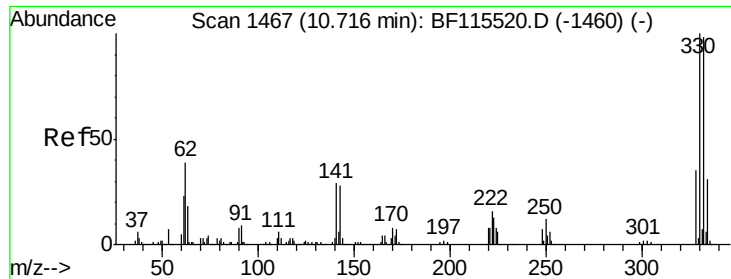
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF115614.D
 Acq: 16 Jul 2019 22:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	82.9	124.3
160	45.1	36.8	55.2





#42

2,4,6-Tribromophenol

Concen: 38.026 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF115614.D

Acq: 16 Jul 2019 22:51

Instrument :

BNA_F

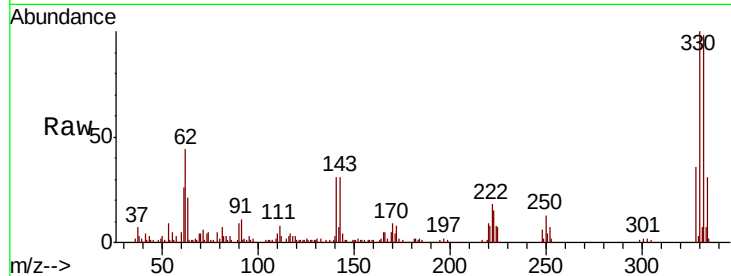
ClientSampleId :

EO-02-071519-C

Tot Ion:	330	Resp:	135388
Ion Ratio	Lower	Upper	
330	100		
332	97.2	77.4	116.2
141	30.7	22.4	33.6

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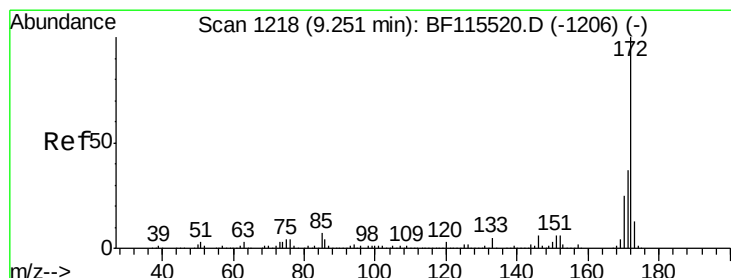
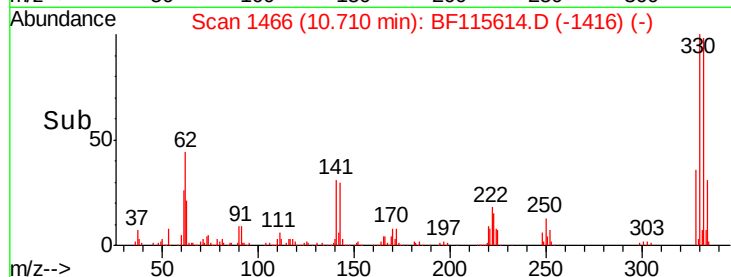
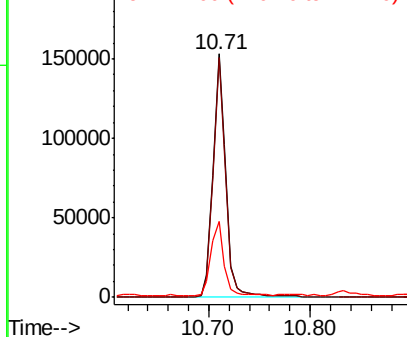


Abundance

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: 34.603 ng

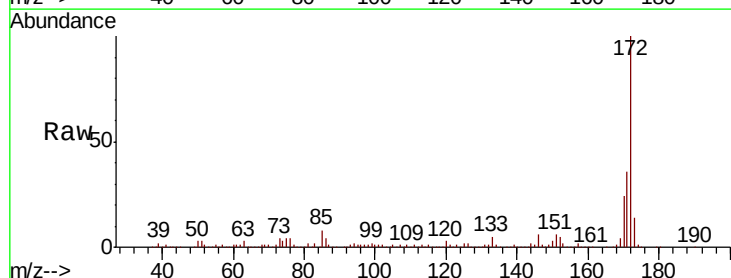
RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF115614.D

Acq: 16 Jul 2019 22:51

Tgt Ion:	172	Resp:	603036
Ion Ratio	Lower	Upper	
172	100		
171	36.4	30.6	46.0
170	23.7	20.5	30.7

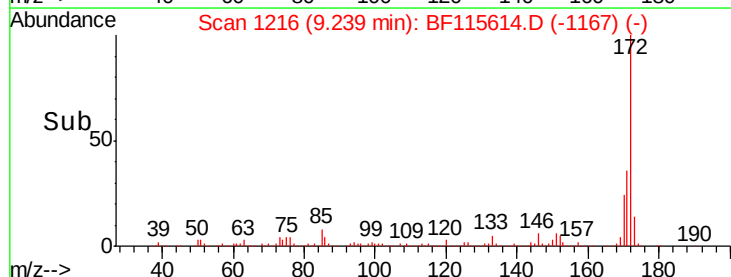
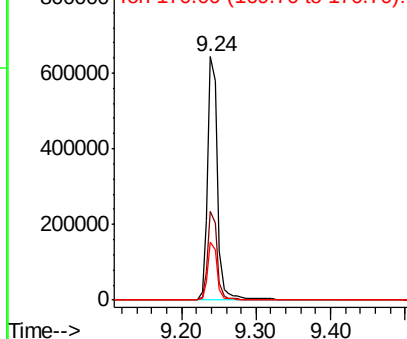


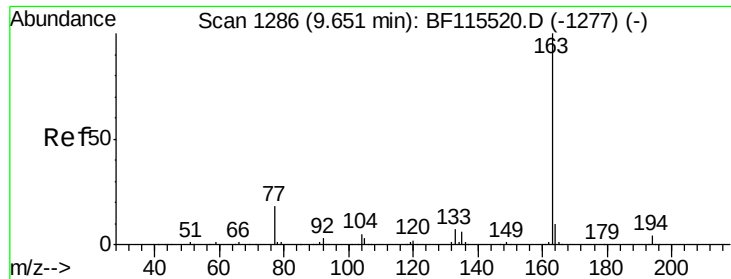
Abundance

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: 3.012 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.02 min

Lab File: BF115614.D

Acq: 16 Jul 2019 22:51

Instrument :

BNA_F

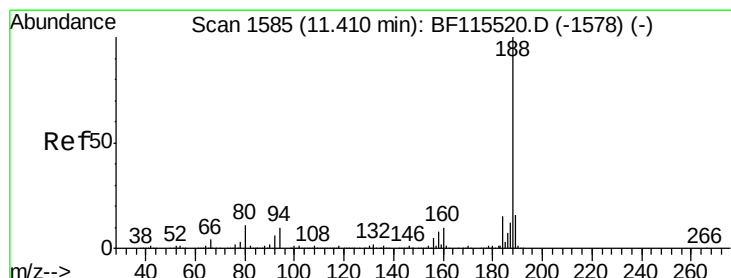
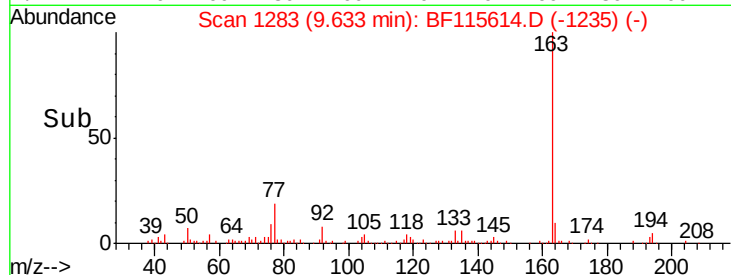
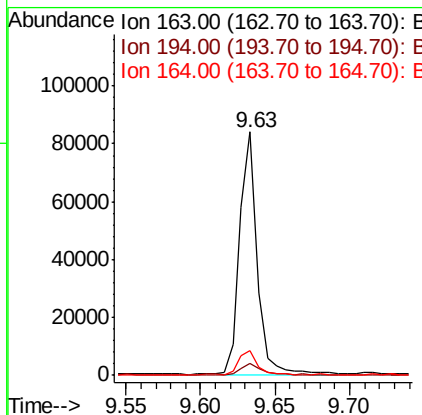
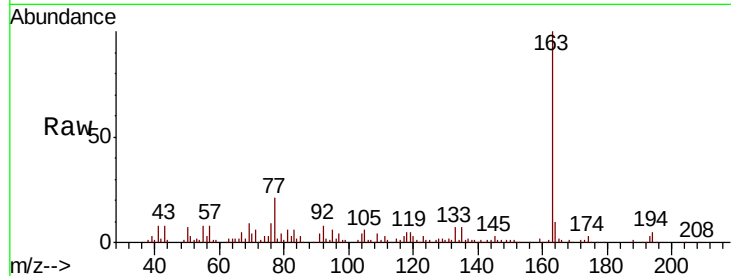
ClientSampleId :

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Tot Ion:	163	Resp:	69130
Ion Ratio	Lower	Upper	
163	100		
194	5.1	3.3	4.9#
164	10.0	8.7	13.1

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#64

Phenanthrene-d10

Concen: 20.000 ng

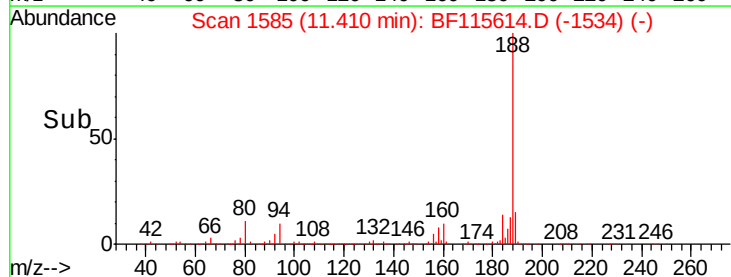
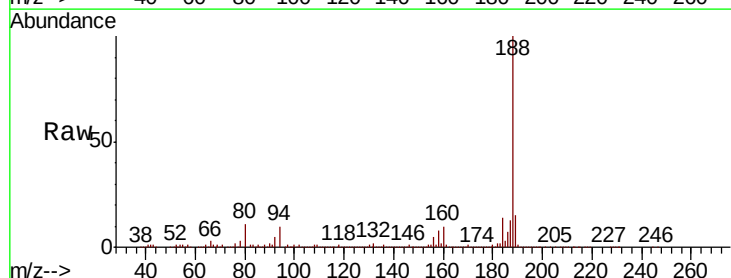
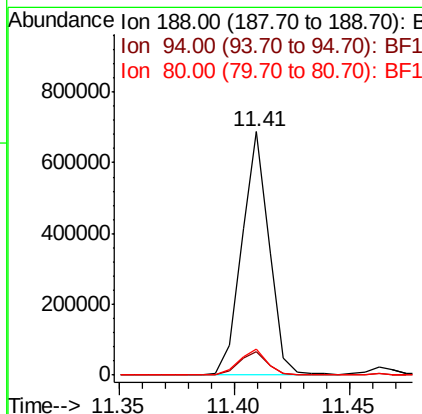
RT: 11.41 min Scan# 1585

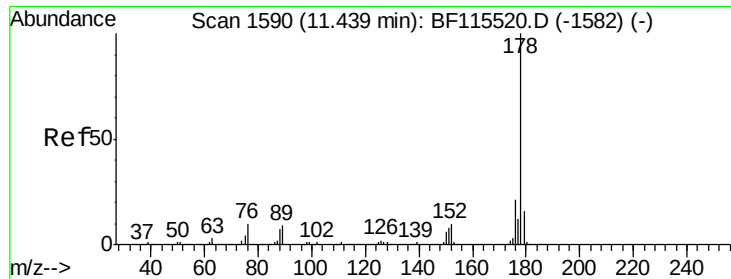
Delta R.T. -0.00 min

Lab File: BF115614.D

Acq: 16 Jul 2019 22:51

Tgt Ion:	188	Resp:	565418
Ion Ratio	Lower	Upper	
188	100		
94	9.8	7.8	11.6
80	10.7	8.6	13.0





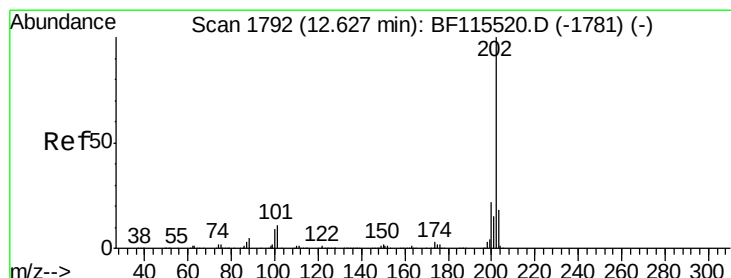
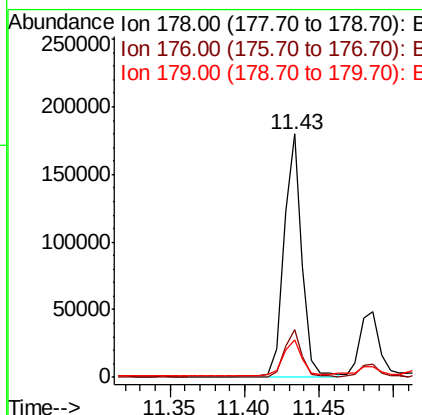
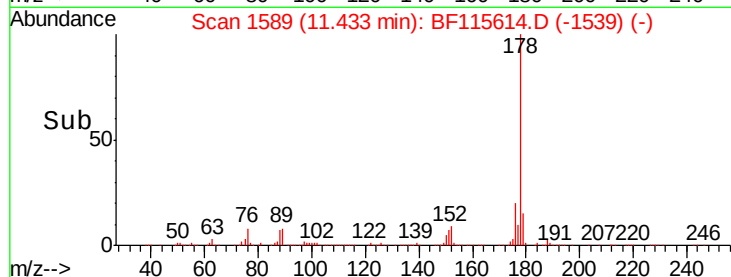
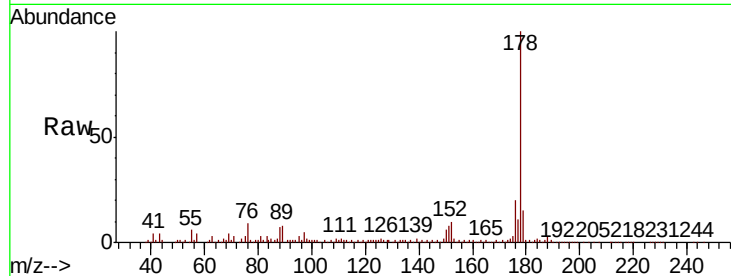
#71
Phenanthrene
Concen: 5.174 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115614.D
Acq: 16 Jul 2019 22:51

Instrument :
BNA_F
ClientSampleId :
EO-02-071519-C

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	17.2	25.8
179	15.4	13.5	20.3

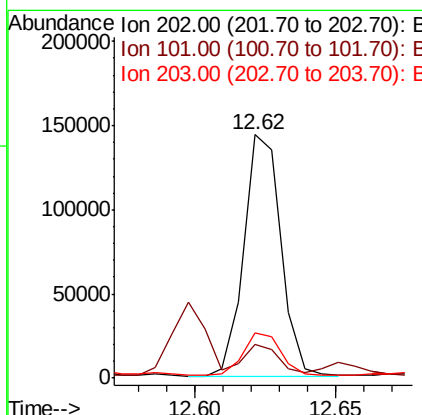
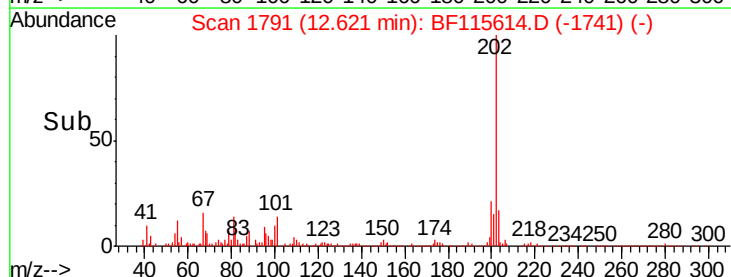
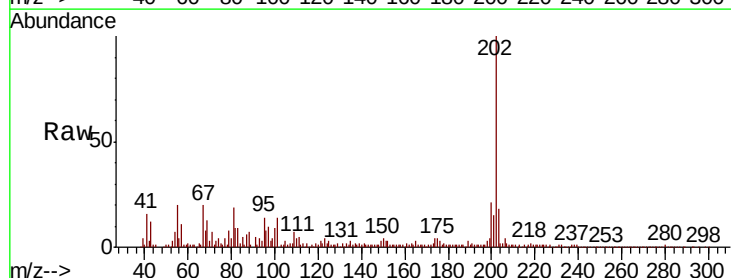
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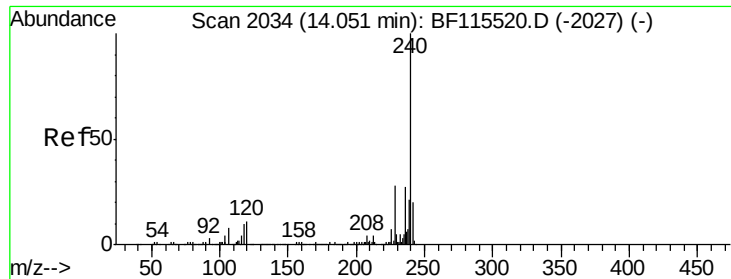
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#75
Fluoranthene
Concen: 4.290 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF115614.D
Acq: 16 Jul 2019 22:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	31.4
203	18.4	0.0	38.1





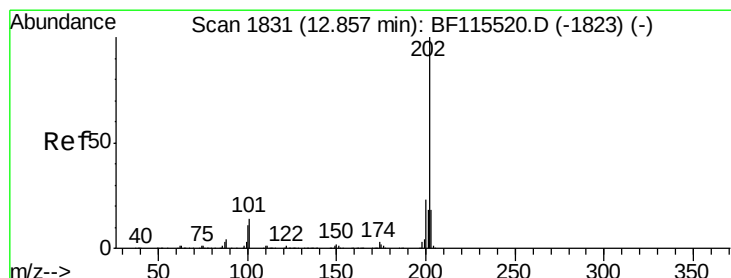
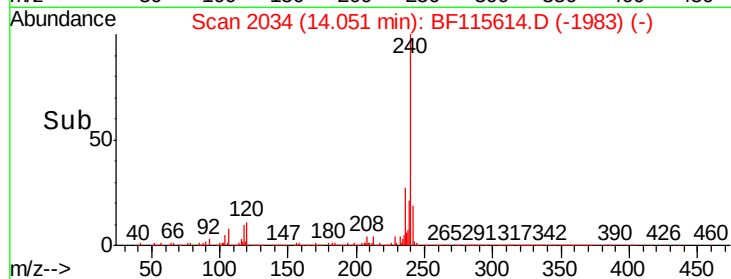
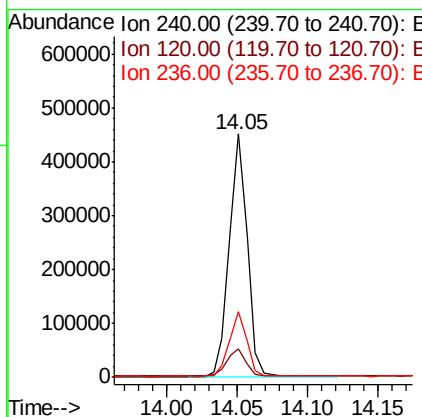
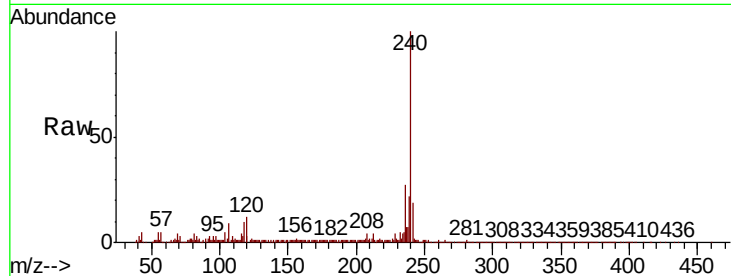
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF115614.D
Acq: 16 Jul 2019 22:51

Instrument :
BNA_F
ClientSampleId :
EO-02-071519-C

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.6	13.0
236	27.2	21.3	31.9

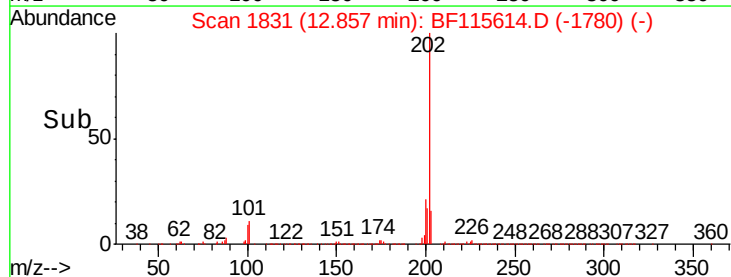
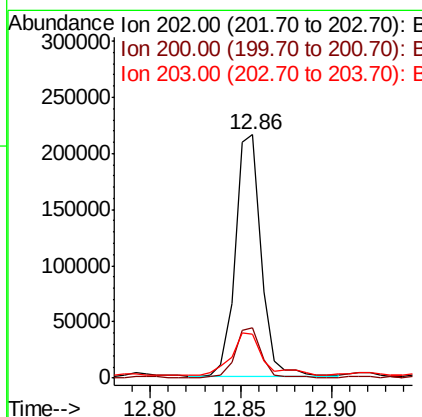
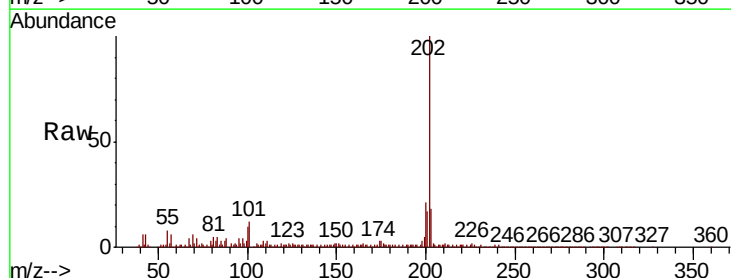
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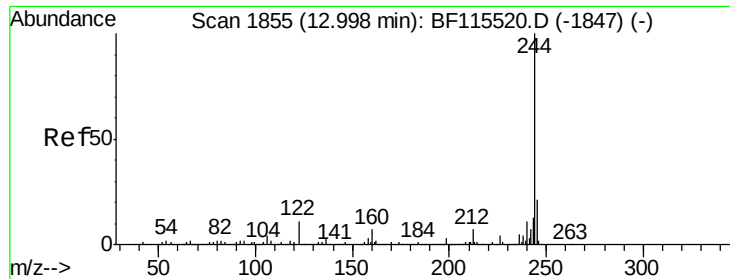
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#78
Pyrene
Concen: 6.266 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF115614.D
Acq: 16 Jul 2019 22:51

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	18.7	28.1
203	17.9	15.2	22.8





#79

Terphenyl-d14

Concen: 31.533 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF115614.D

Acq: 16 Jul 2019 22:51

Instrument :

BNA_F

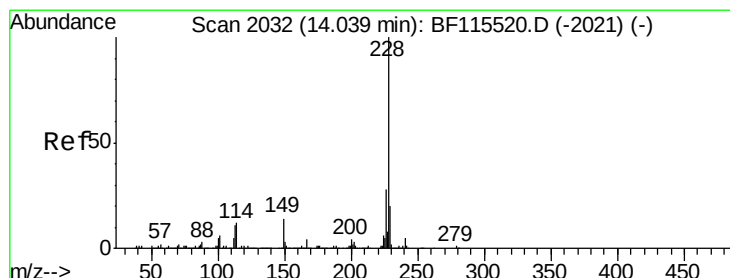
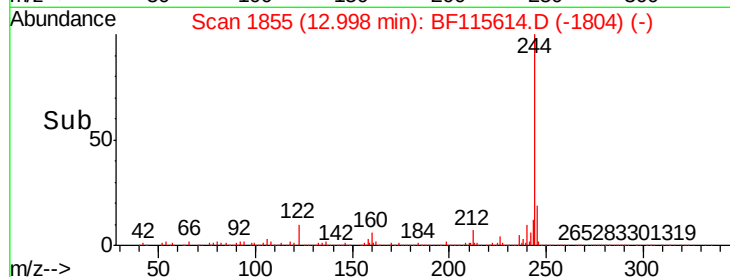
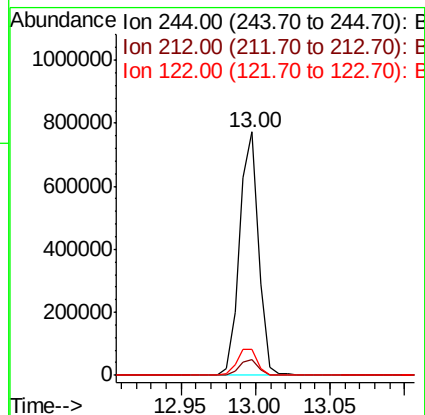
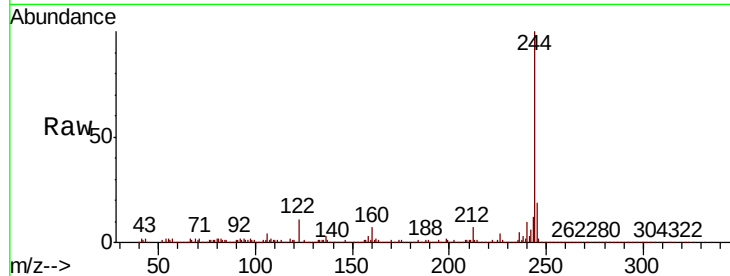
ClientSampleId :

EO-02-071519-C

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	10.5	8.6	12.8

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#81

Benzo(a)anthracene

Concen: 2.539 ng m

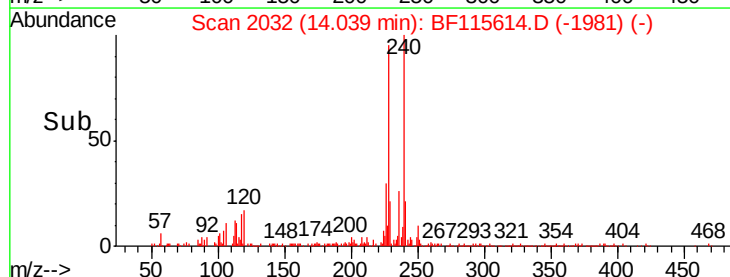
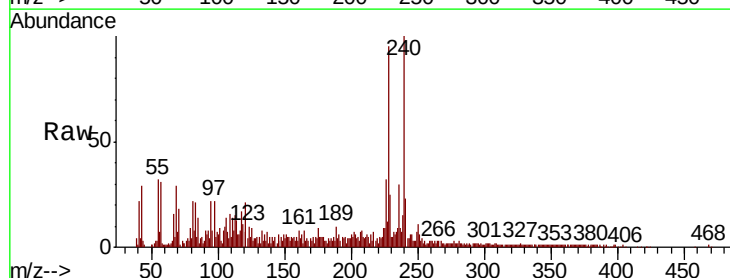
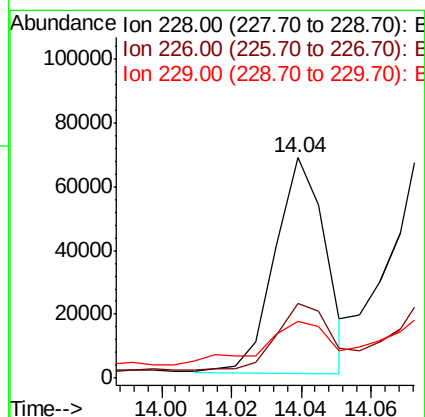
RT: 14.04 min Scan# 2032

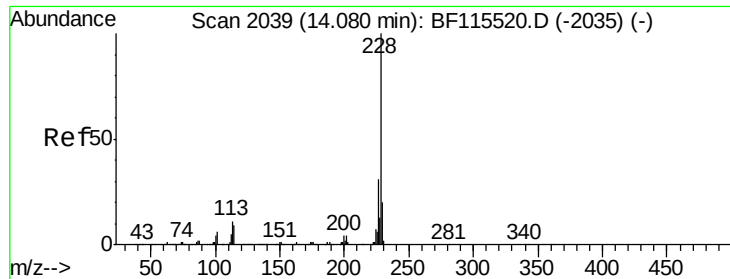
Delta R.T. -0.00 min

Lab File: BF115614.D

Acq: 16 Jul 2019 22:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.0	23.4	35.0
229	25.9	17.2	25.8#





#83

Chrysene

Concen: 2.756 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF115614.D

Acq: 16 Jul 2019 22:51

Instrument :

BNA_F

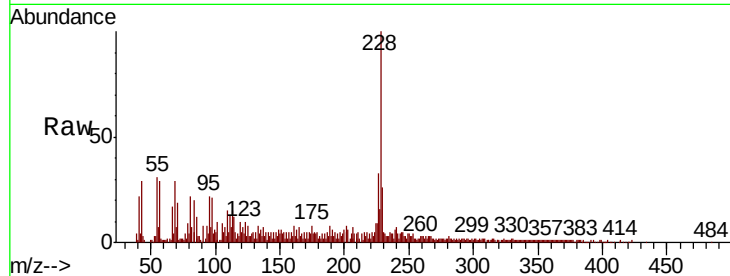
ClientSampleID :

EO-02-071519-C

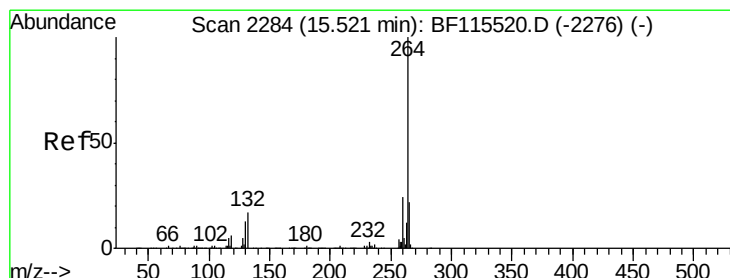
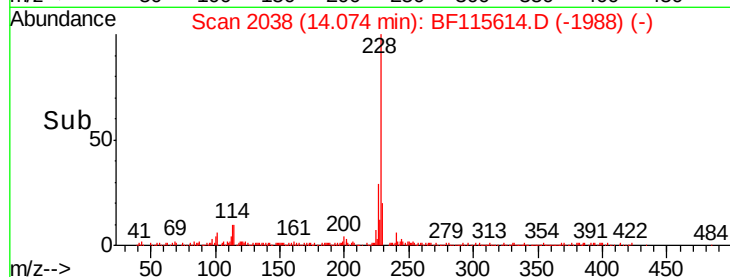
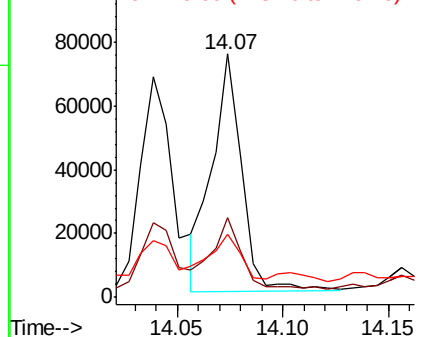
Tot Ion:	228	Resp:	73424
Ion Ratio	Lower	Upper	
228	100		
226	32.5	25.7	38.5
229	25.7	16.6	25.0

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2285

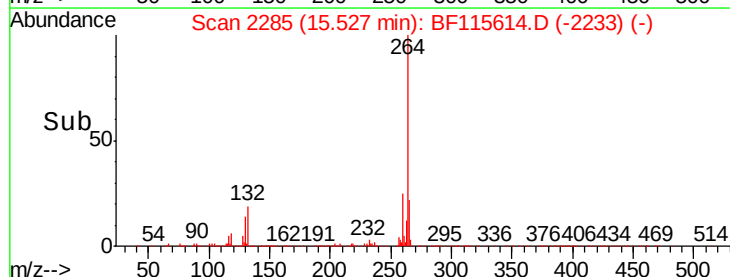
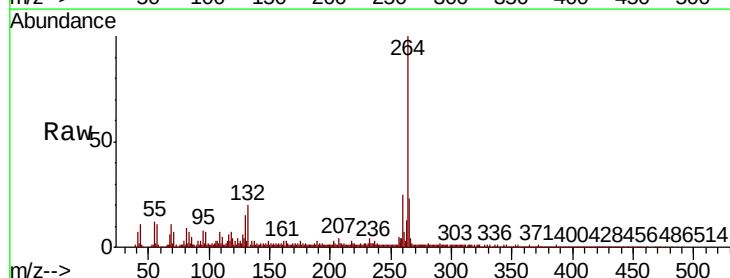
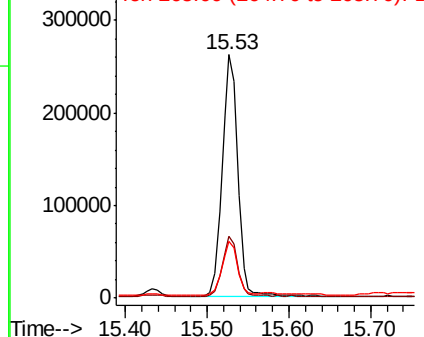
Delta R.T. 0.01 min

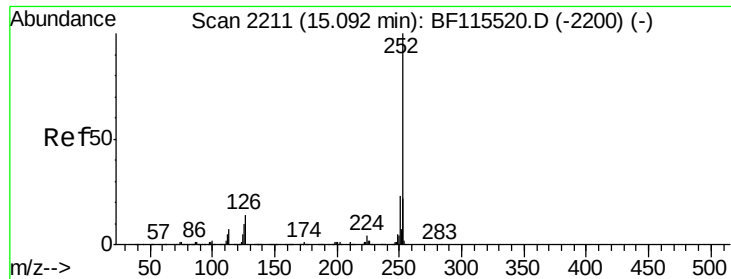
Lab File: BF115614.D

Acq: 16 Jul 2019 22:51

Tgt Ion:	264	Resp:	348264
Ion Ratio	Lower	Upper	
264	100		
260	25.3	19.8	29.8
265	23.3	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





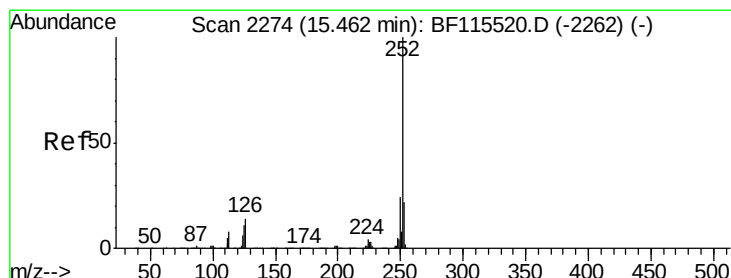
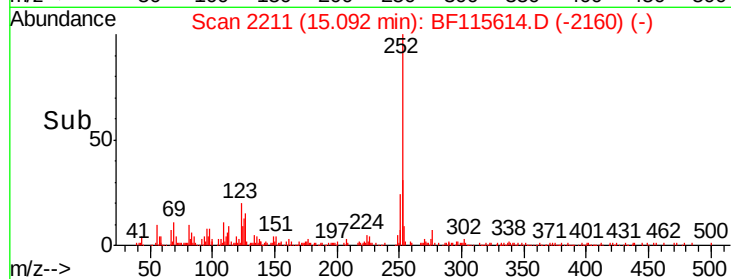
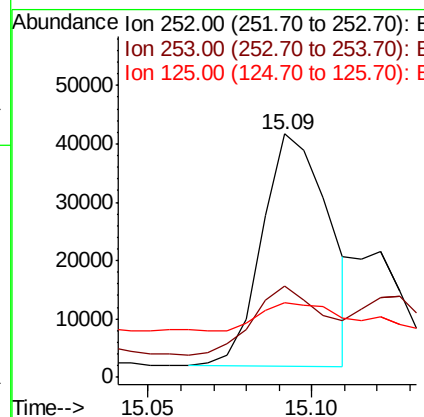
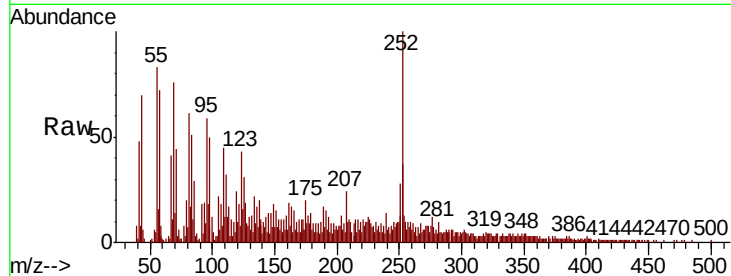
#88
Benzo(b)fluoranthene
Concen: 2.525 ng m
RT: 15.09 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BF115614.D
Acq: 16 Jul 2019 22:51

Instrument :
BNA_F
ClientSampleId :
EO-02-071519-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	37.3	18.1	27.1#
125	30.7	9.0	13.4#

Manual Integrations
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#90
Benzo(a)pyrene
Concen: 2.689 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.00 min
Lab File: BF115614.D
Acq: 16 Jul 2019 22:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.3	17.8	26.6#
125	28.5	9.1	13.7#

