

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
 Data File : BF116129.D
 Acq On : 9 Aug 2019 22:56
 Operator : HP/JU
 Sample : K4092-05 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-080719-C

Manual Integrations
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Sohil
 8/13/2019 7:18:05 AM

Quant Time: Aug 10 06:40:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	117034	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	474606	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	232803	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	348627	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	292111	20.00	ng	-0.01
87) Perylene-d12	15.47	264	324506	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	37622	5.38	ng	0.01
7) Phenol-d6	6.49	99	56445	6.40	ng	0.00
23) Nitrobenzene-d5	7.42	82	32290	3.93	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	9679	4.29	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	75013	6.04	ng	-0.01
79) Terphenyl-d14	12.94	244	66486	4.80	ng	-0.01
Target Compounds						
75) Fluoranthene	12.57	202	83157	4.457	ng	Qvalue 99
78) Pyrene	12.80	202	72403	3.288	ng	97
81) Benzo(a)anthracene	13.99	228	38459	2.060	ng	97
83) Chrysene	14.03	228	37073m	2.045	ng	
88) Benzo(b)fluoranthene	15.04	252	50095m	2.670	ng	
90) Benzo(a)pyrene	15.41	252	34330	2.047	ng	# 91

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

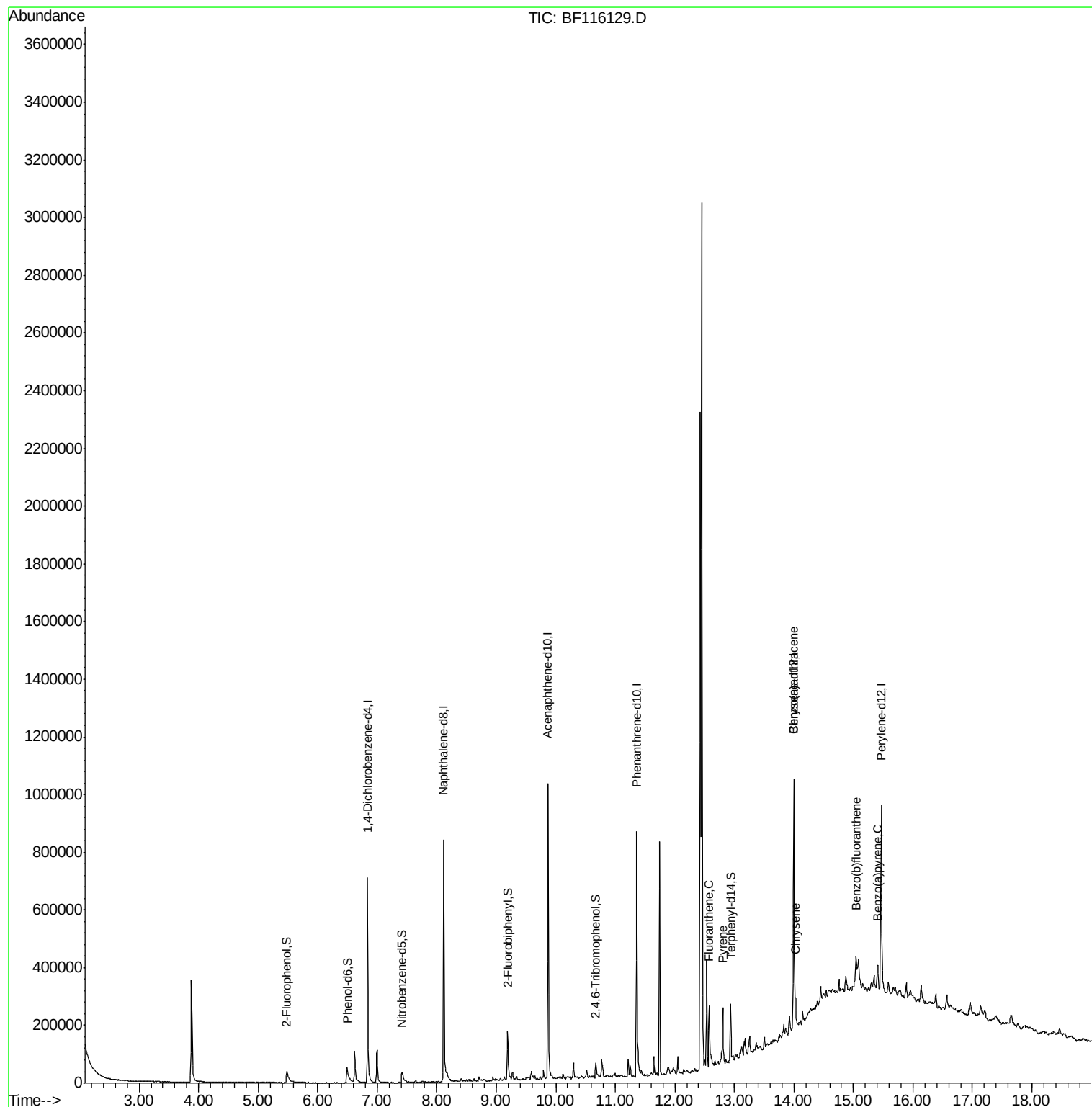
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116129.D
Acq On : 9 Aug 2019 22:56
Operator : HP/JU
Sample : K4092-05 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

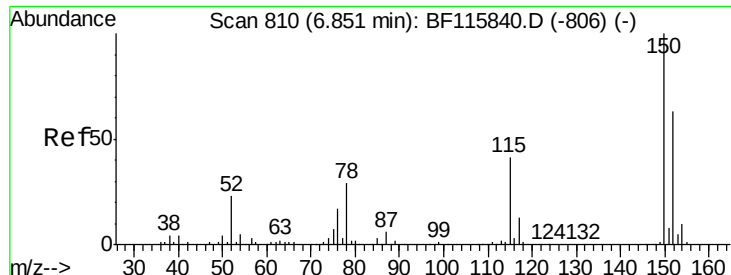
Instrument :
BNA_F
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EO-01-080719-C

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Quant Time: Aug 10 06:40:06 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

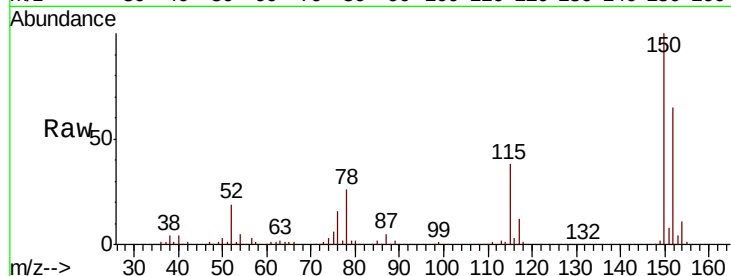
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116129.D
Acq: 9 Aug 2019 22:56

Instrument :
BNA_F
ClientSampleId :
EO-01-080719-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.2	189.2
115	59.6	49.9	74.9

Manual Integrations
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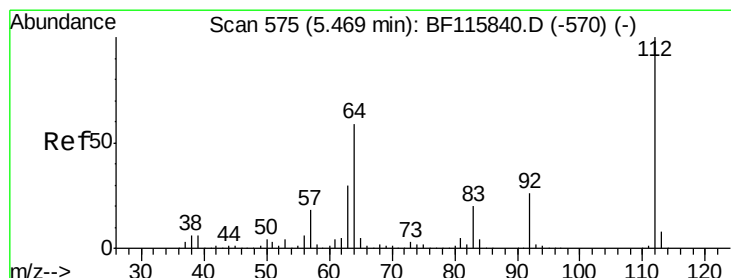
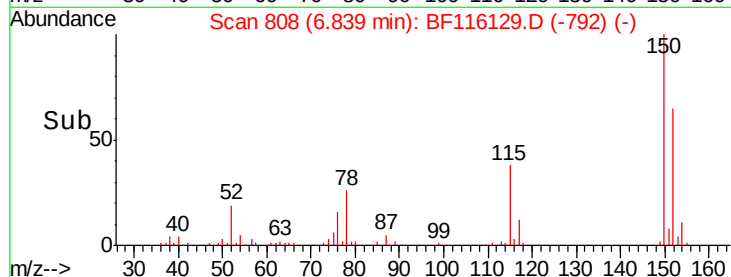
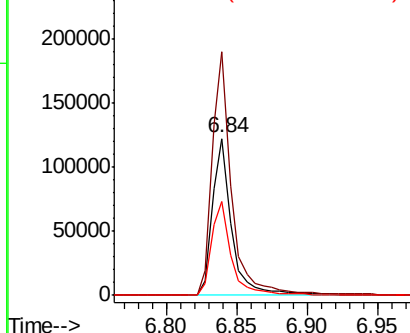


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

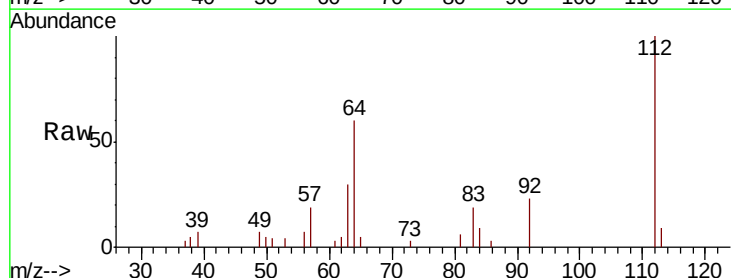
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 5.381 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF116129.D
Acq: 9 Aug 2019 22:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	45.4	68.2
63	29.7	23.7	35.5

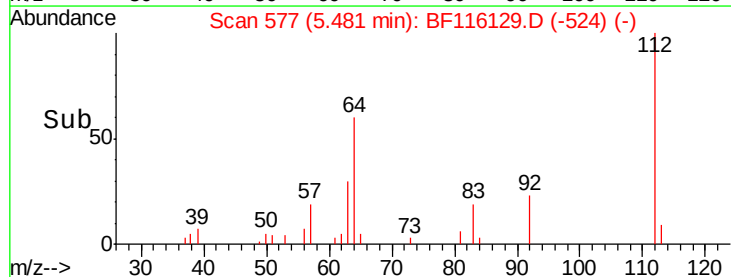
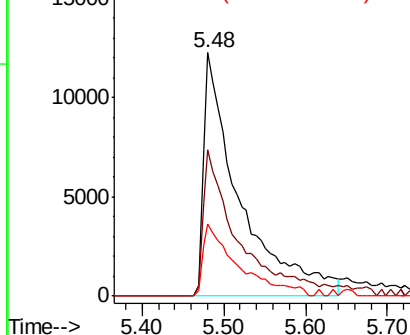


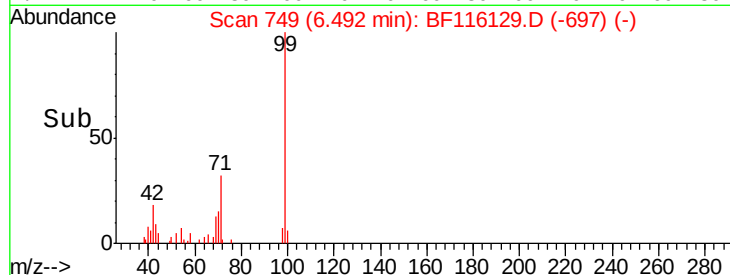
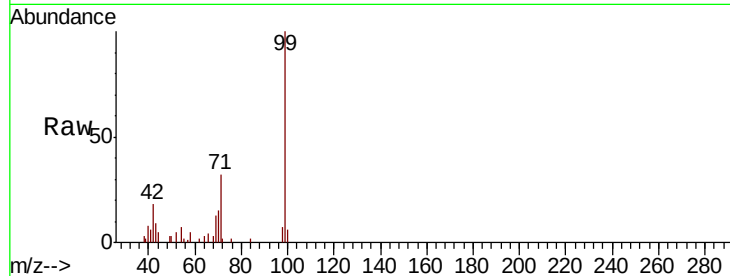
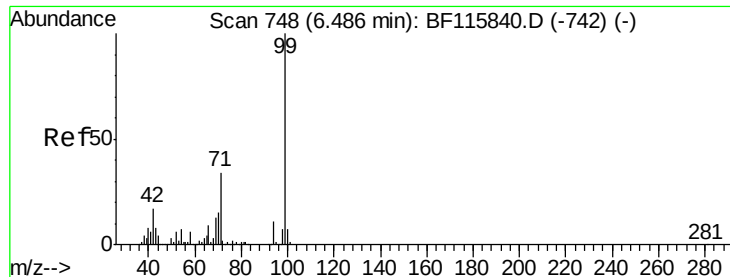
Abundance

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: 6.399 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF116129.D

Acq: 9 Aug 2019 22:56

Tot Ion:	99	Resp:	56445
Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.8	20.8
71	32.3	27.3	40.9

Instrument :

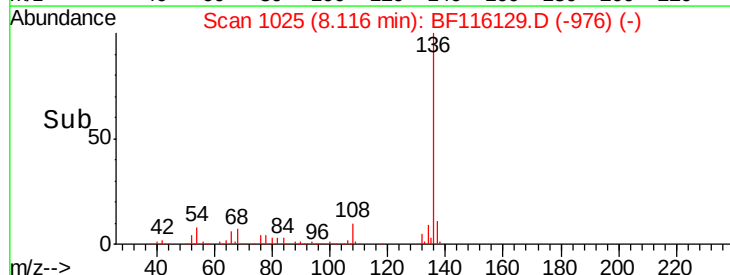
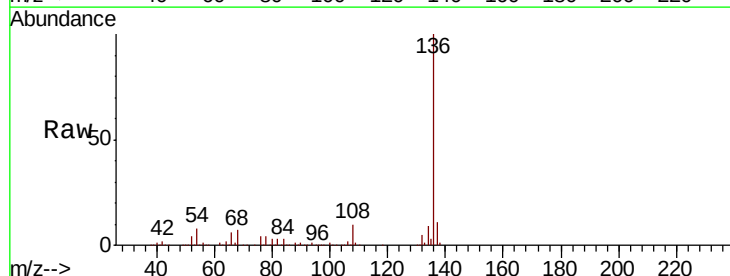
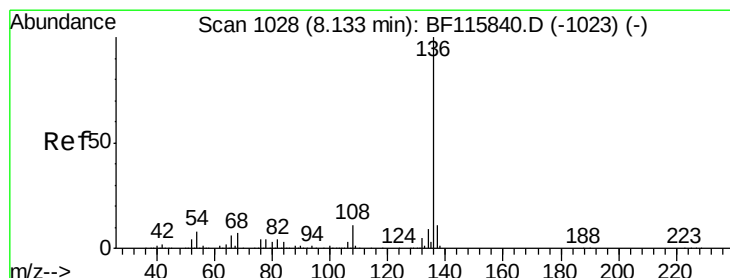
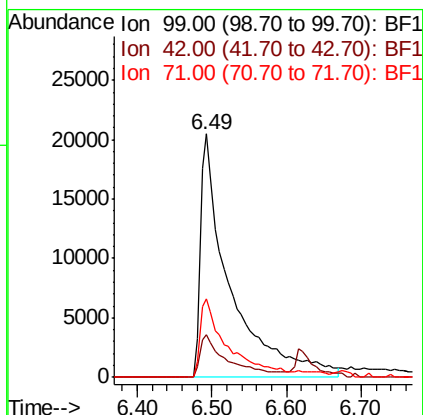
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#21

Naphthalene-d8

Concen: 20.000 ng

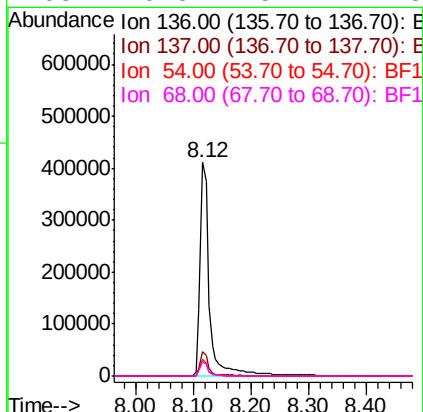
RT: 8.12 min Scan# 1025

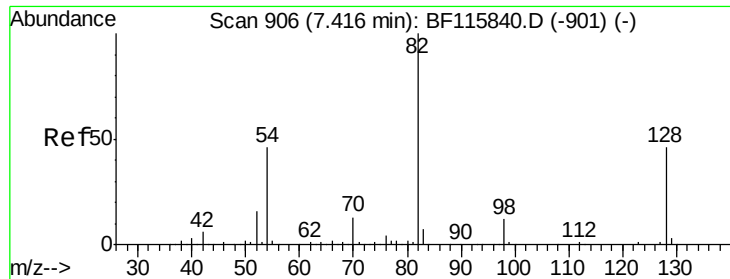
Delta R.T. -0.01 min

Lab File: BF116129.D

Acq: 9 Aug 2019 22:56

Tgt Ion:	136	Resp:	474606
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.6	5.8	8.6
68	6.8	5.2	7.8





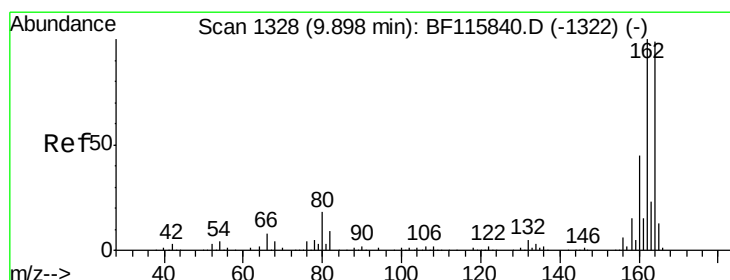
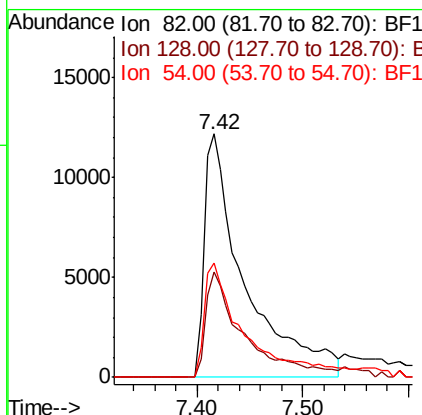
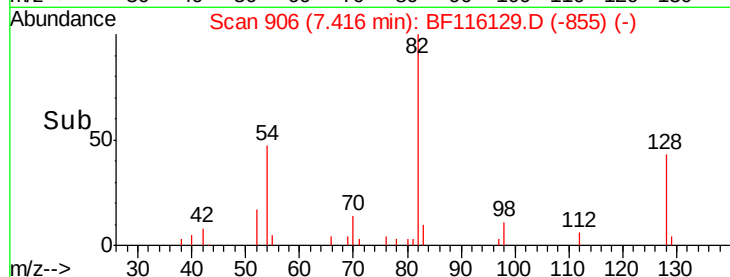
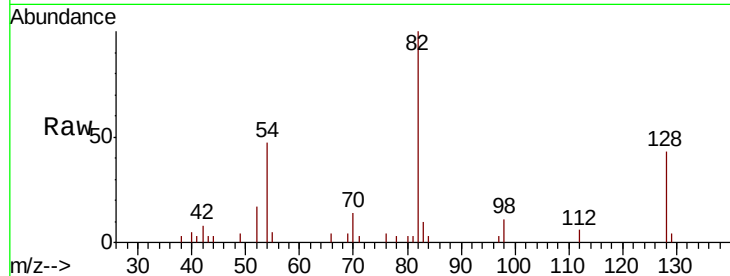
#23
 Nitrobenzene-d5
 Concen: 3.927 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BF116129.D
 Acq: 9 Aug 2019 22:56

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-080719-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.3	36.5	54.7
54	47.1	36.0	54.0

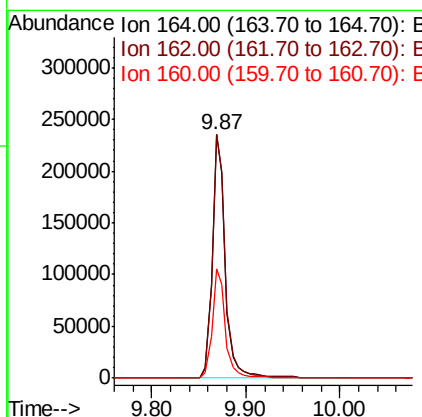
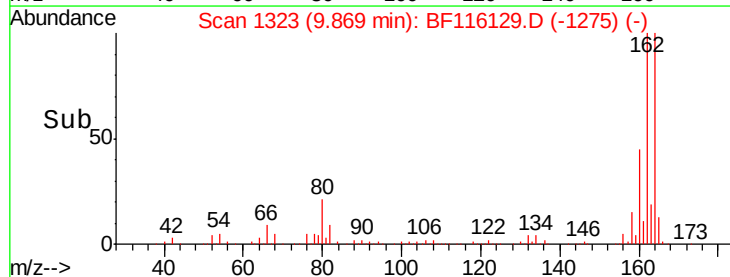
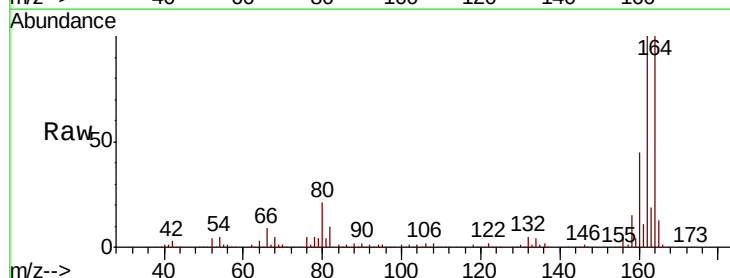
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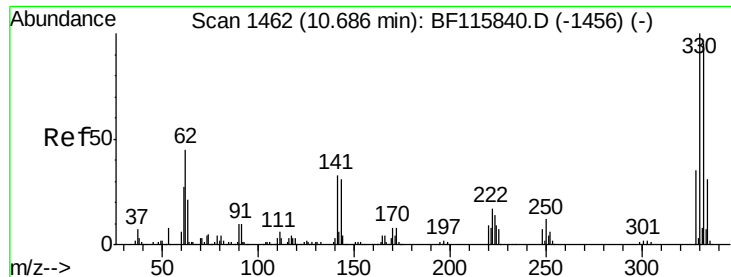
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116129.D
 Acq: 9 Aug 2019 22:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.0	82.6	124.0
160	44.7	37.6	56.4





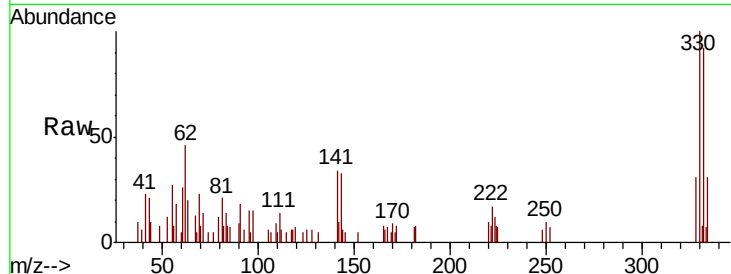
#42
 2,4,6-Tribromophenol
 Concen: 4.288 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF116129.D
 Acq: 9 Aug 2019 22:56

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-080719-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	100.2	76.8	115.2
141	46.6	26.3	39.5#

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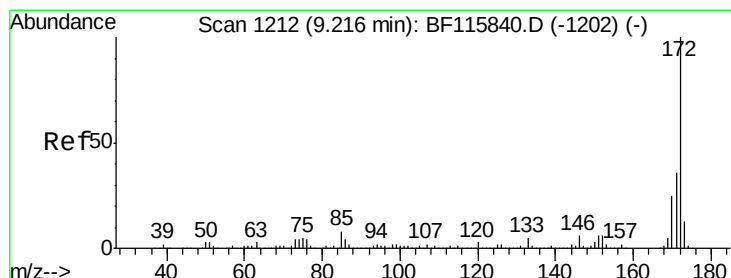
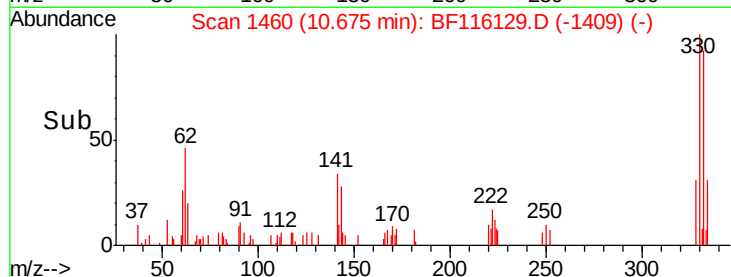
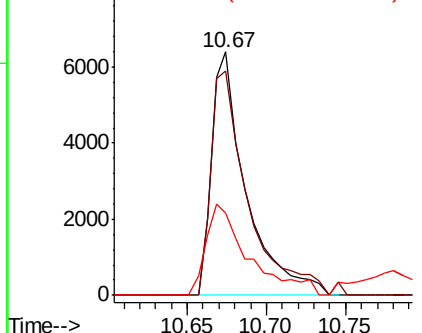


Abundance

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: 6.035 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116129.D
 Acq: 9 Aug 2019 22:56

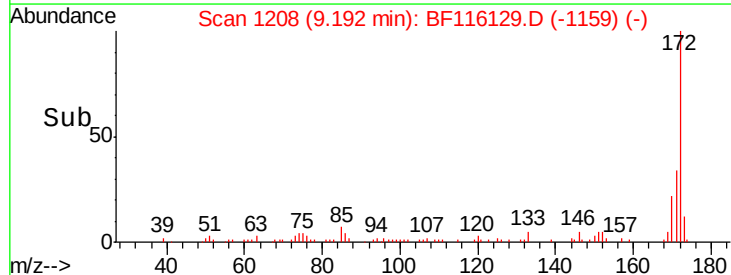
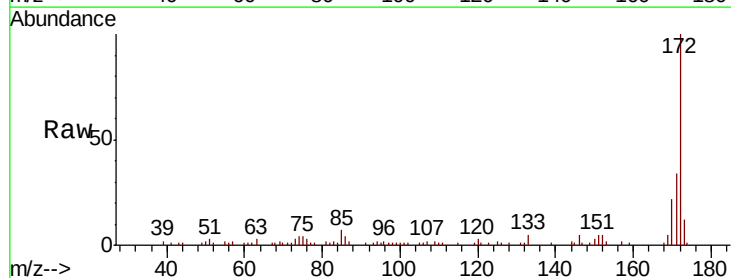
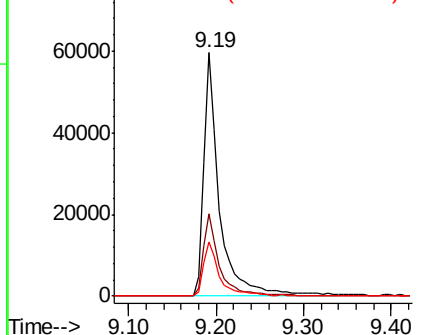
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.6	44.4
170	22.4	20.1	30.1

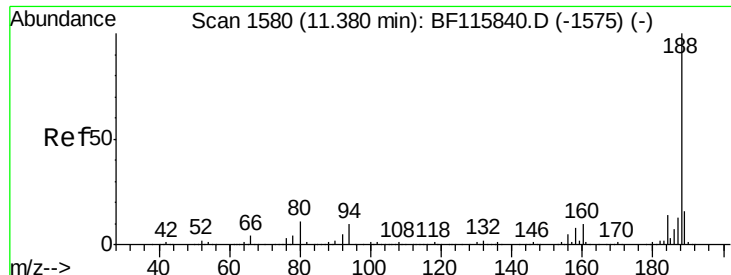
Abundance

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





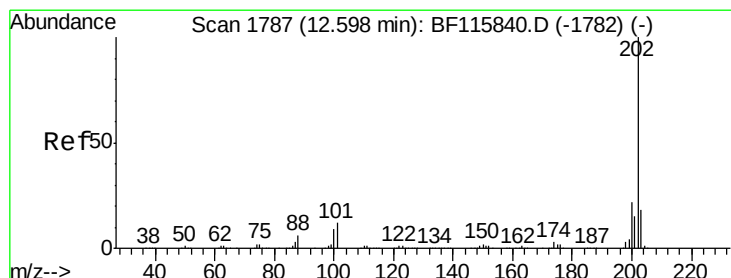
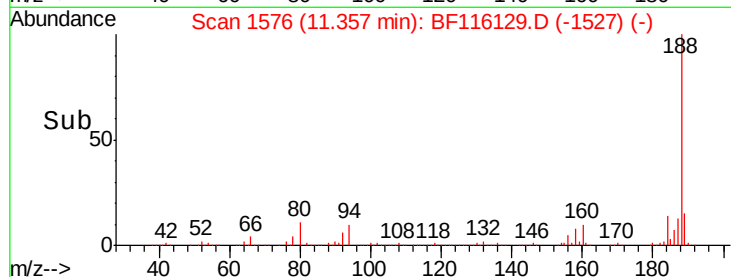
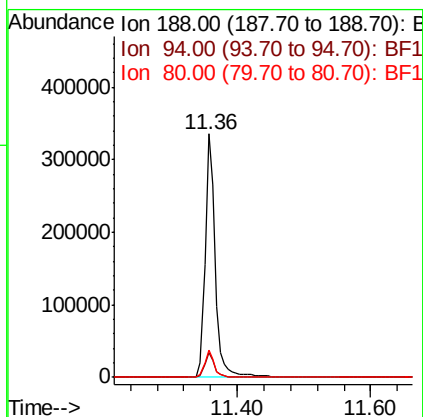
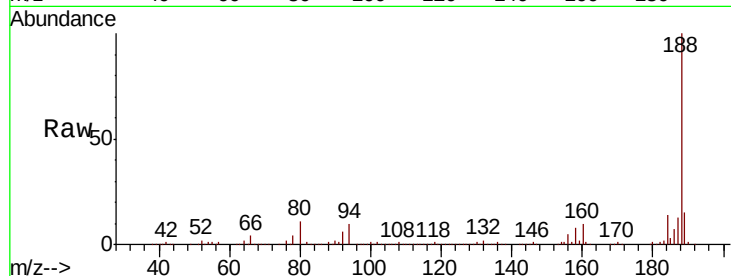
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116129.D
Acq: 9 Aug 2019 22:56

Instrument :
BNA_F
ClientSampleId :
EO-01-080719-C

Tot Ion	188	Resp	348627
Ion Ratio	Lower	Upper	
188	100		
94	10.1	8.1	12.1
80	11.2	8.7	13.1

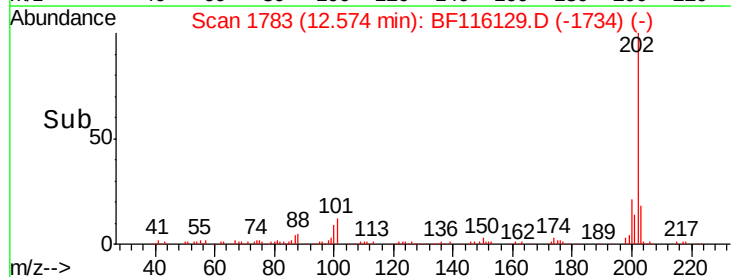
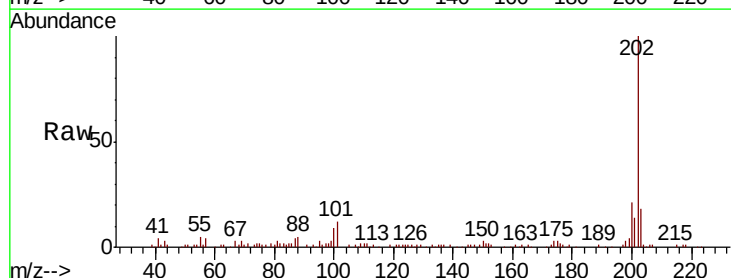
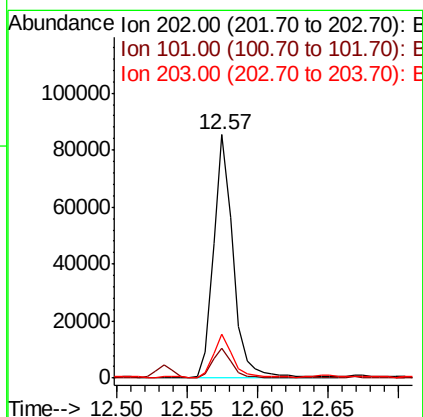
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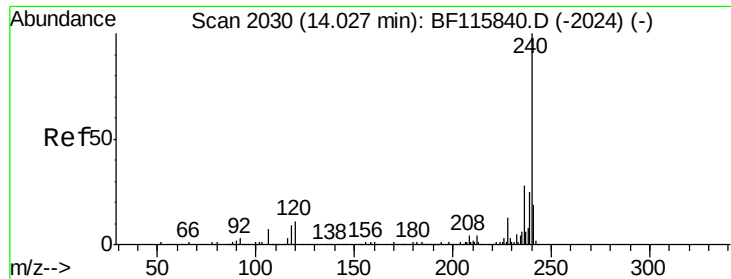
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#75
Fluoranthene
Concen: 4.457 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF116129.D
Acq: 9 Aug 2019 22:56

Tgt Ion	202	Resp	83157
Ion Ratio	Lower	Upper	
202	100		
101	12.1	0.0	31.2
203	17.9	0.0	37.8





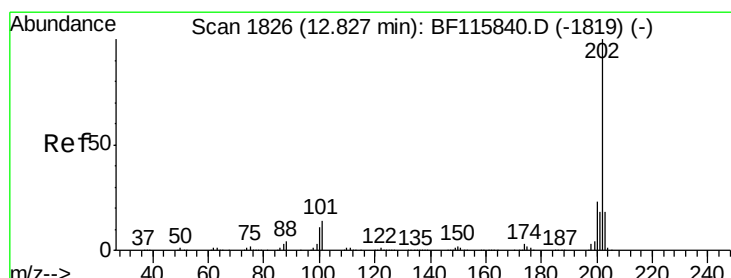
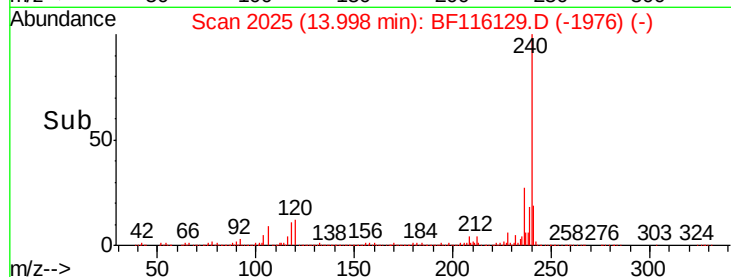
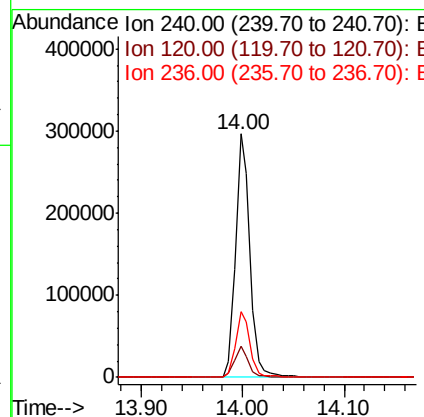
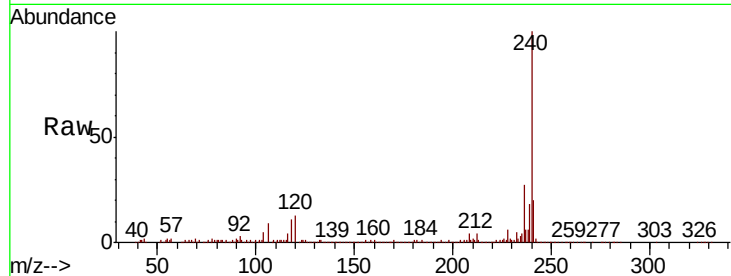
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116129.D
Acq: 9 Aug 2019 22:56

Instrument :
BNA_F
ClientSampleId :
EO-01-080719-C

Tot Ion	Ratio	Resp	Lower	Upper
240	100	292111		
120	12.6	10.7	16.1	
236	26.8	22.2	33.2	

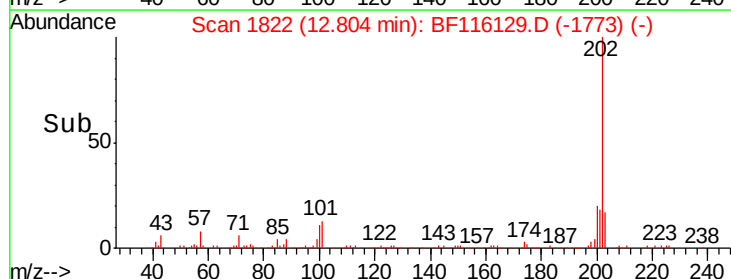
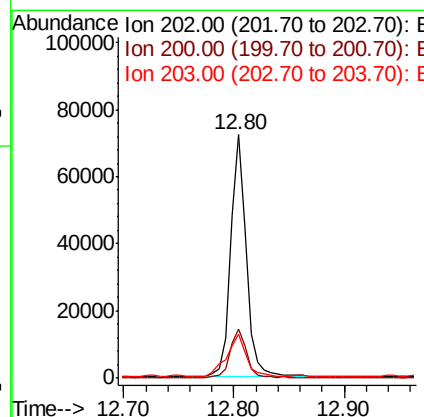
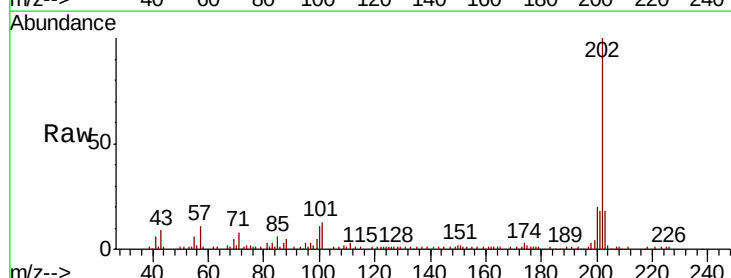
Manual Integrations
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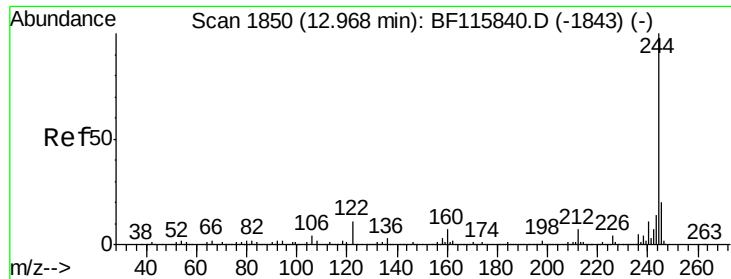
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#78
Pyrene
Concen: 3.288 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF116129.D
Acq: 9 Aug 2019 22:56

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	72403		
200	20.3	18.0	27.0	
203	17.9	14.1	21.1	





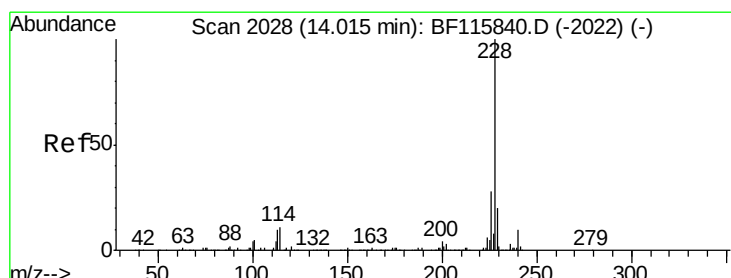
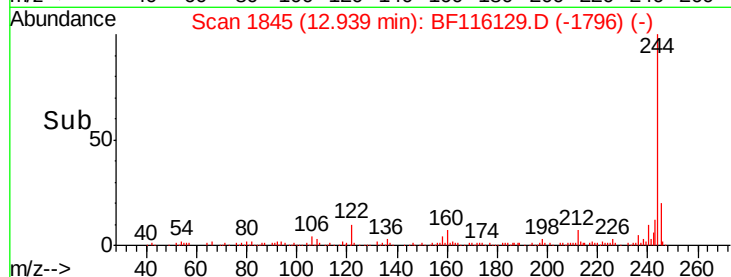
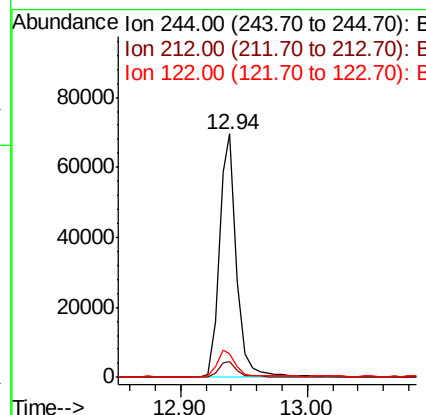
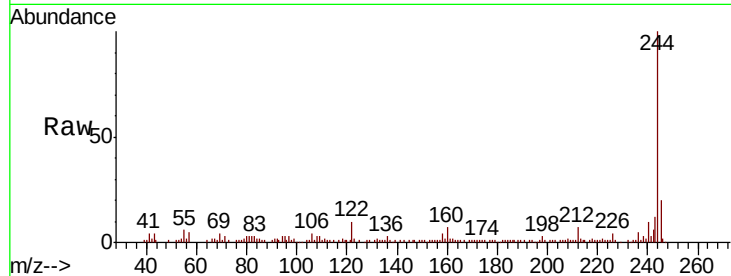
#79
 Terphenyl-d14
 Concen: 4.796 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116129.D
 Acq: 9 Aug 2019 22:56

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-080719-C

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	9.7	9.0	13.4

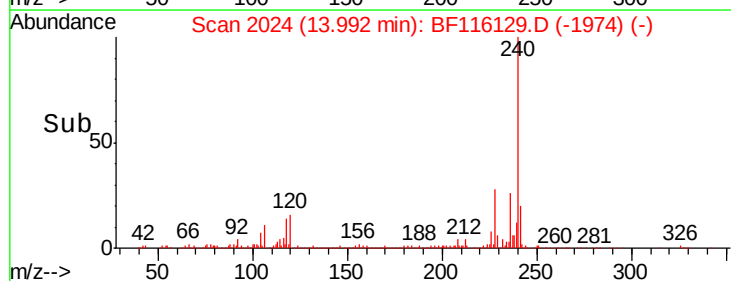
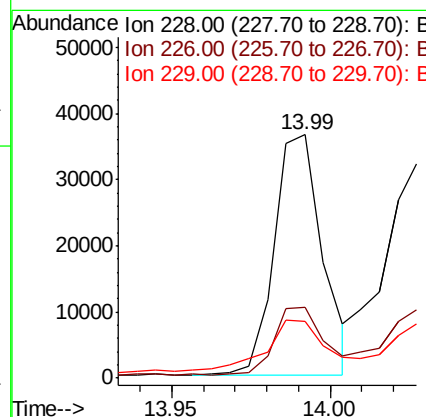
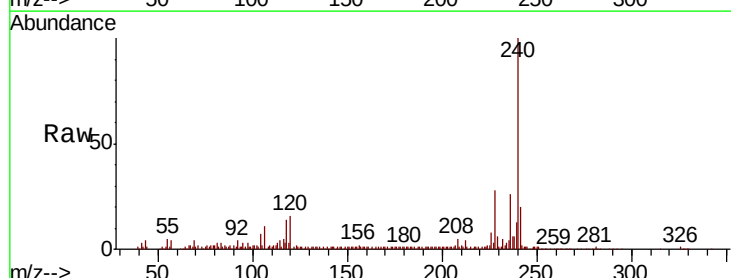
Manual Integrations
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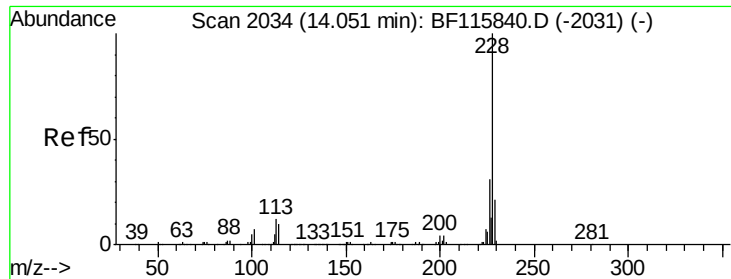
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#81
 Benzo(a)anthracene
 Concen: 2.060 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF116129.D
 Acq: 9 Aug 2019 22:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.7	34.1
229	23.2	16.2	24.4





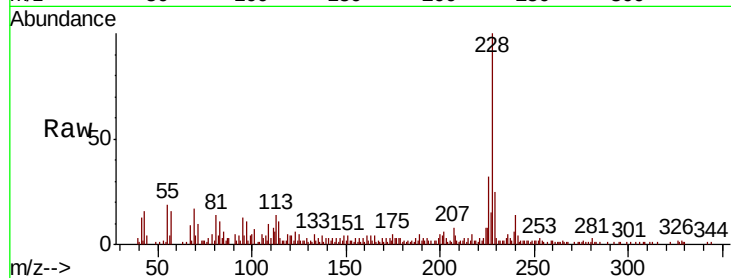
#83
Chrysene
Concen: 2.045 ng/ml
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116129.D
Acq: 9 Aug 2019 22:56

Instrument :
BNA_F
ClientSampleID :
EO-01-080719-C

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.5	38.3
229	25.0	16.6	24.8

Manual Integrations
APPROVED

Sohil
8/13/2019 7:18:05 AM

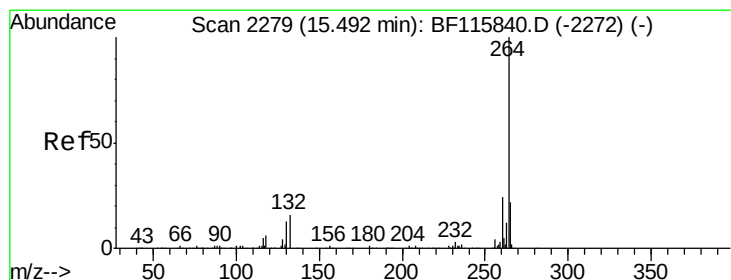
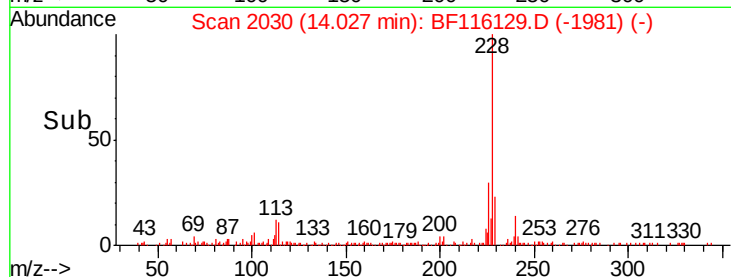
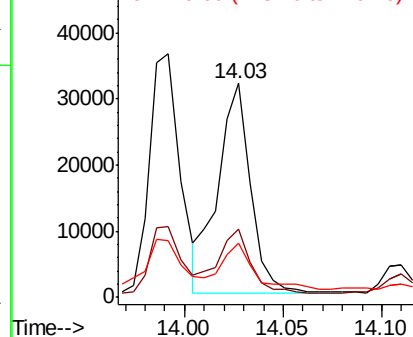


Abundance

Ion 228.00 (227.70 to 228.70): E

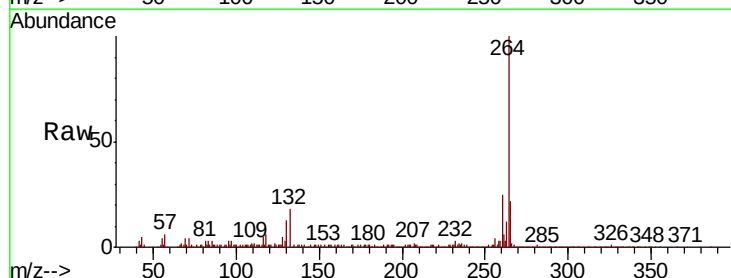
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF116129.D
Acq: 9 Aug 2019 22:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	22.2	17.4	26.0

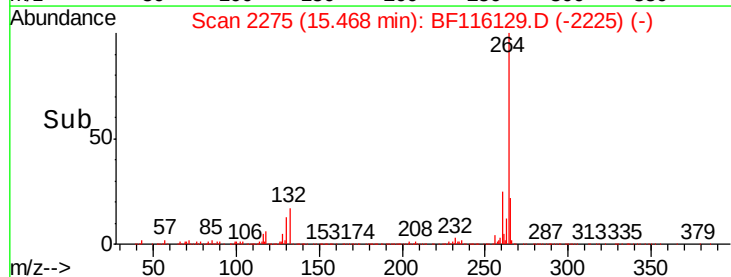
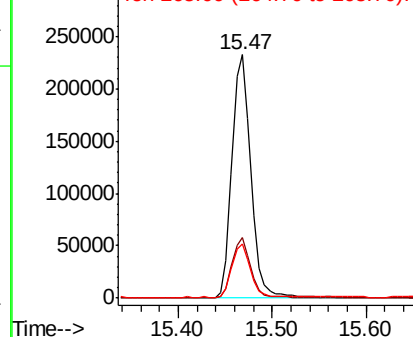


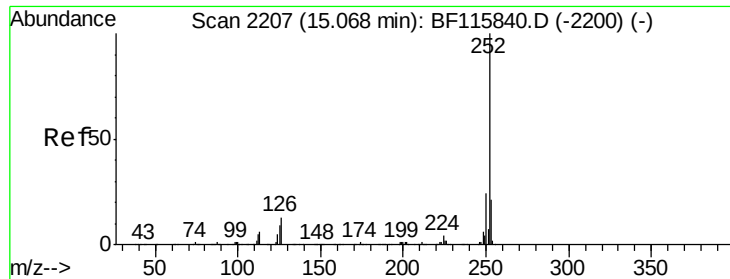
Abundance

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





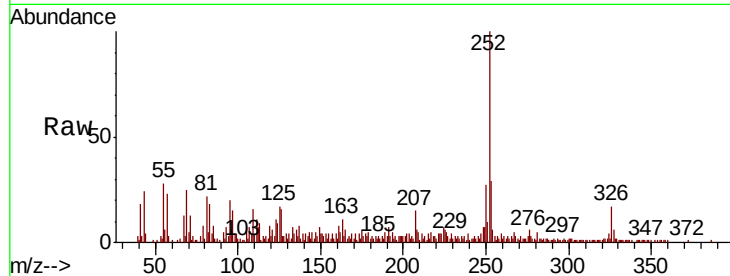
#88
Benzo(b)fluoranthene
Concen: 2.670 ng m
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF116129.D
Acq: 9 Aug 2019 22:56

Instrument :
BNA_F
ClientSampleId :
EO-01-080719-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.6	17.8	26.8#
125	16.6	8.4	12.6#

Manual Integrations
APPROVED

Sohil
8/13/2019 7:18:05 AM

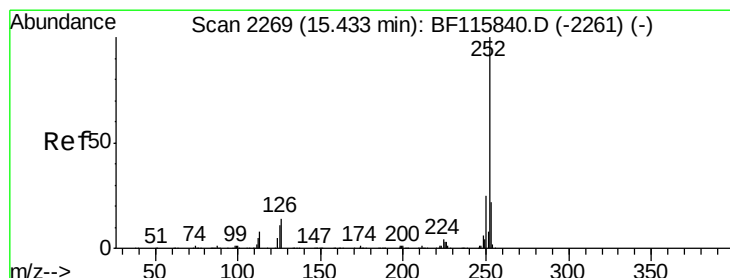
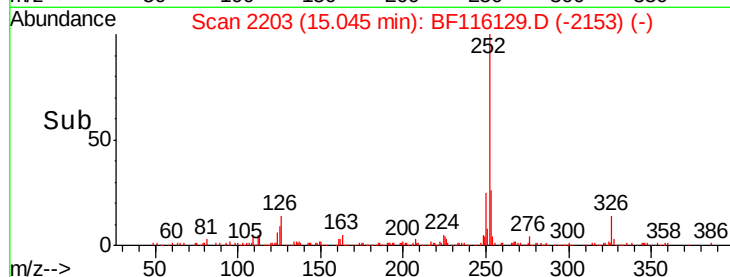
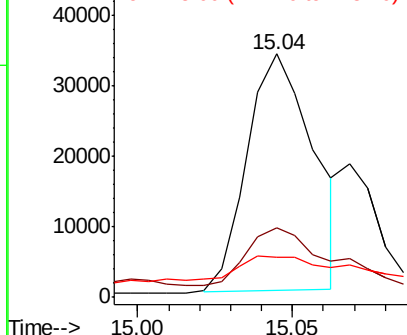


Abundance

Ion 252.00 (251.70 to 252.70): E

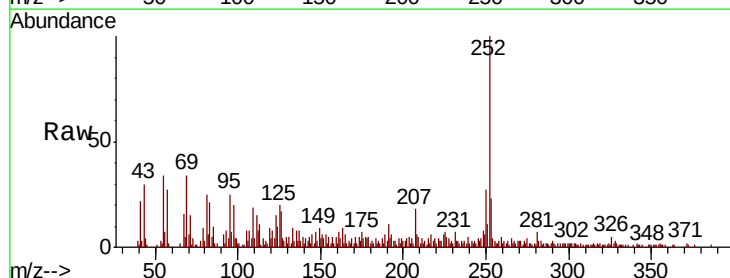
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 2.047 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF116129.D
Acq: 9 Aug 2019 22:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	19.8	8.9	13.3#



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

