

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
 Data File : BF114165.D
 Acq On : 11 May 2019 20:55
 Operator : JU/SJ
 Sample : K2765-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS004-1824-01

Manual Integrations
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 5/13/2019 8:36:26 PM

Quant Time: May 13 08:01:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	251287	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	952926	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	450658	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	916371	20.00	ng	0.00
76) Chrysene-d12	14.00	240	712753	20.00	ng	-0.02
87) Perylene-d12	15.47	264	741200	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1775956	113.73	ng	0.00
7) Phenol-d6	6.49	99	2386121	129.20	ng	0.00
23) Nitrobenzene-d5	7.41	82	1449906	85.39	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	573691	123.13	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2206913	74.08	ng	0.00
79) Terphenyl-d14	12.95	244	2358901	68.22	ng	0.00
Target Compounds						
49) Acenaphthylene	9.74	152	95315	2.139	ng	98
50) Dimethylphthalate	9.59	163	381139	11.521	ng	99
71) Phenanthrene	11.39	178	249931	5.606	ng	98
75) Fluoranthene	12.58	202	519094	10.812	ng	99
78) Pyrene	12.80	202	934267	16.294	ng	98
81) Benzo(a)anthracene	13.99	228	361726m	7.846	ng	
83) Chrysene	14.03	228	445468	9.857	ng	96
86) Indeno(1,2,3-cd)pyrene	16.93	276	299616	7.502	ng	97
88) Benzo(b)fluoranthene	15.04	252	485977m	10.234	ng	
89) Benzo(k)fluoranthene	15.07	252	152070m	3.486	ng	
90) Benzo(a)pyrene	15.41	252	299159	7.158	ng	99
91) Dibenzo(a,h)anthracene	16.93	278	77793m	2.240	ng	
92) Benzo(a,h,i)perylene	17.37	276	360287	10.353	ng	97

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

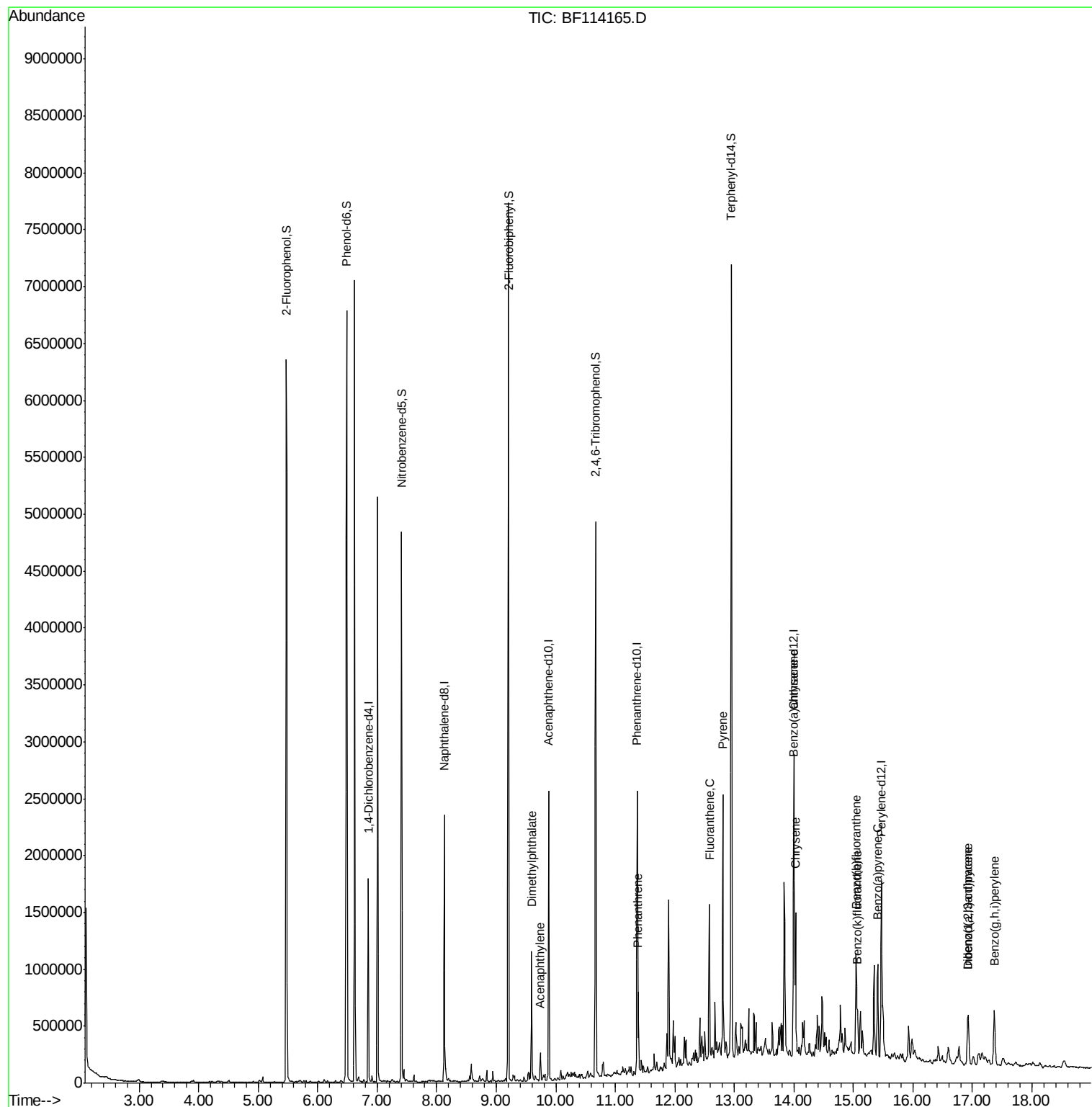
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
Data File : BF114165.D
Acq On : 11 May 2019 20:55
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ALS Vial : 5 Sample Multiplier: 1

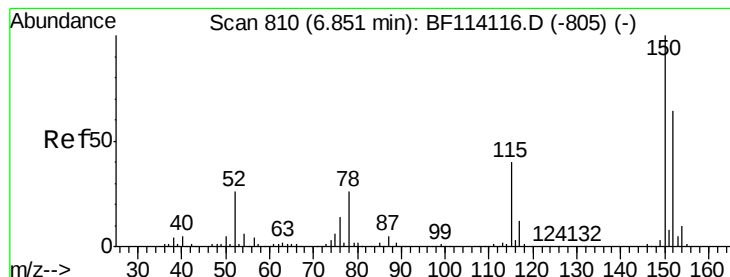
Instrument :
BNA_F
ClientSampleId :
P026-SS004-1824-01

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Quant Time: May 13 08:01:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration





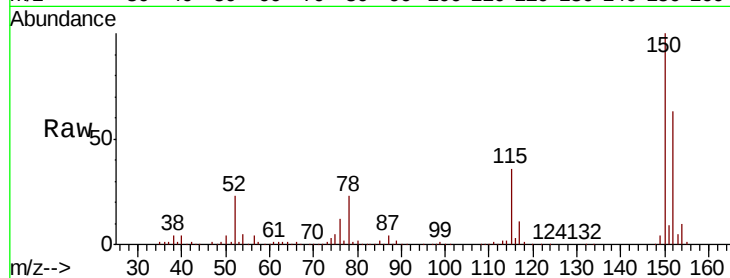
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF114165.D
 Acq: 11 May 2019 20:55

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS004-1824-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.3	186.5
115	57.0	49.1	73.7

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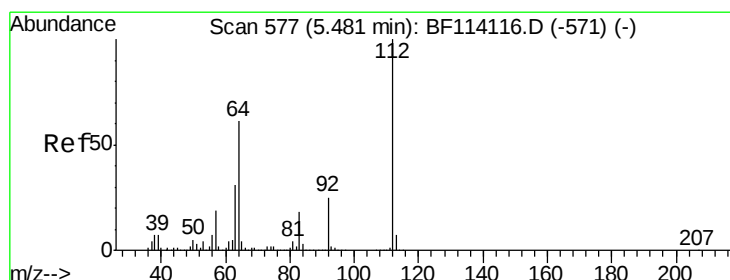
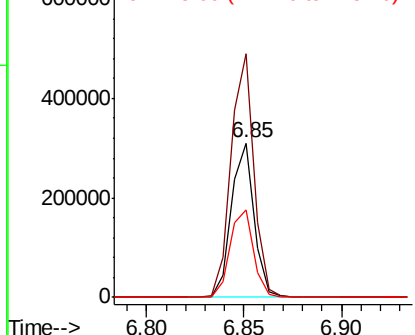
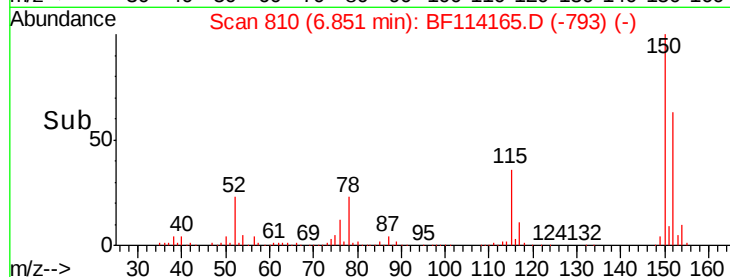


Abundance

Ion 152.00 (151.70 to 152.70): E

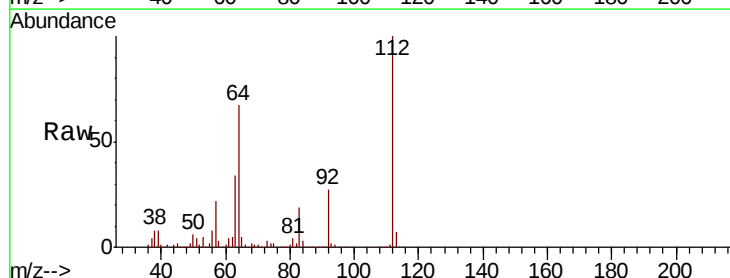
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 113.734 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF114165.D
 Acq: 11 May 2019 20:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.4	49.0	73.6
63	34.4	24.6	37.0

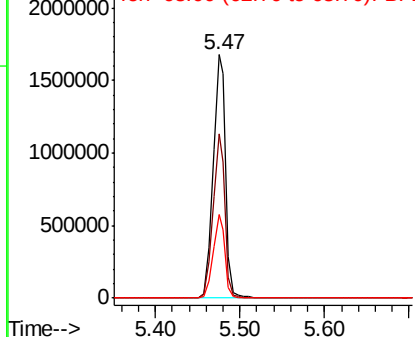
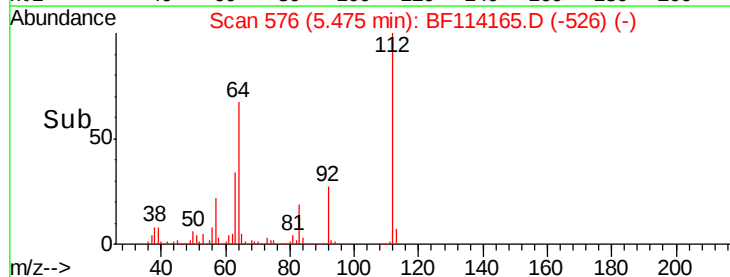


Abundance

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: 129.200 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF114165.D

Acq: 11 May 2019 20:55

Instrument :

BNA_F

ClientSampleId :

P026-SS004-1824-01

Tot Ion: 99 Resp: 2386121

Ion Ratio Lower Upper

99 100

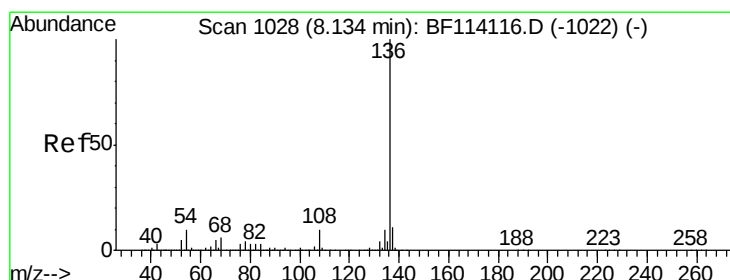
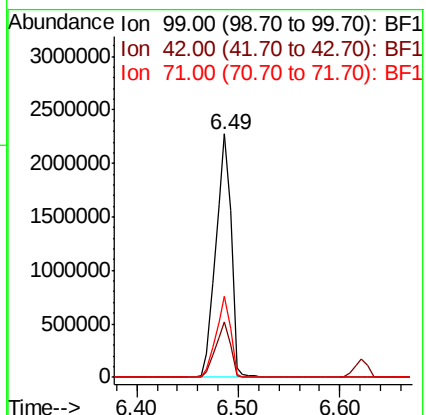
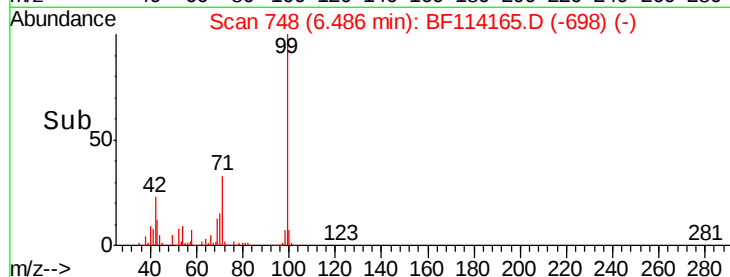
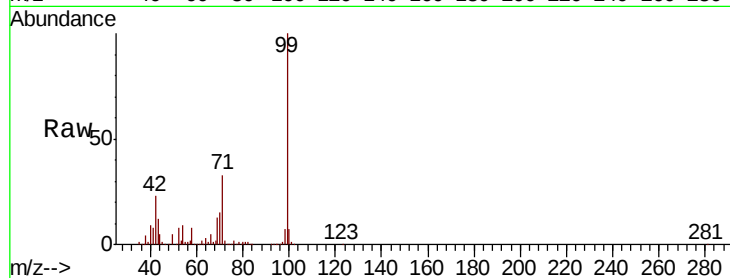
42 22.9 17.9 26.9

71 33.3 26.2 39.2

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF114165.D

Acq: 11 May 2019 20:55

Tgt Ion: 136 Resp: 952926

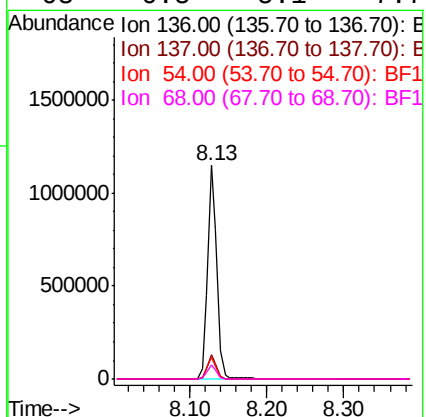
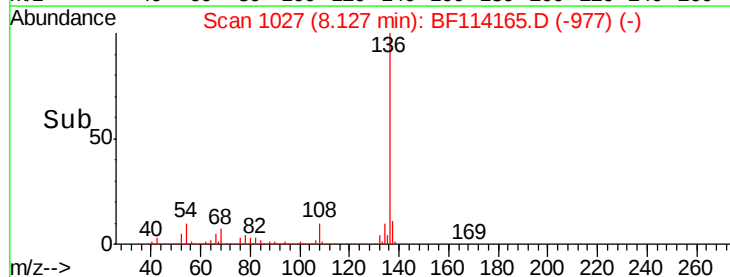
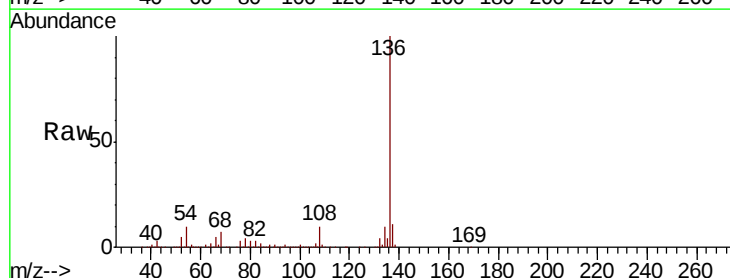
Ion Ratio Lower Upper

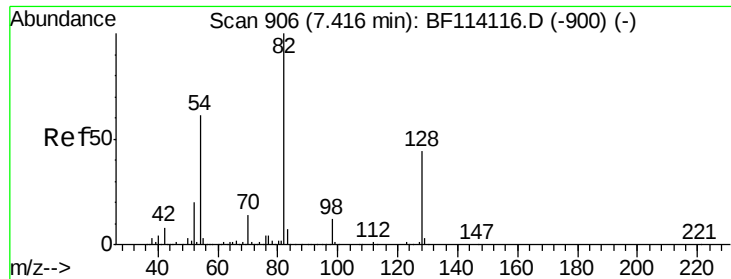
136 100

137 11.4 8.8 13.2

54 10.0 7.8 11.8

68 6.5 5.1 7.7





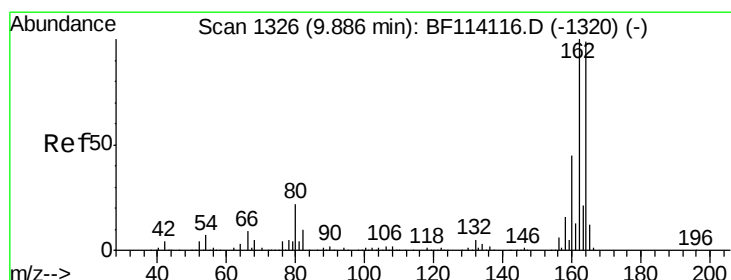
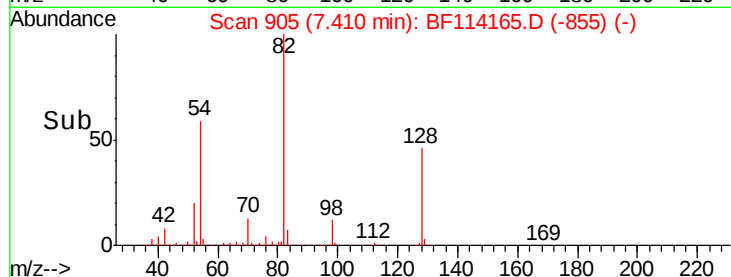
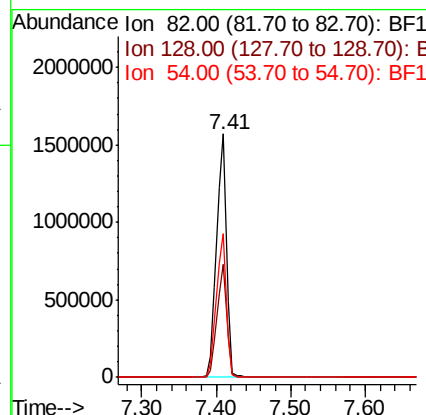
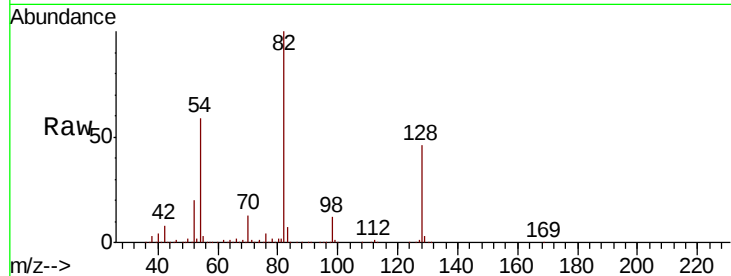
#23
 Nitrobenzene-d5
 Concen: 85.388 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF114165.D
 Acq: 11 May 2019 20:55

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS004-1824-01

Tot Ion	82	Resp	1449906
Ion Ratio	100	Lower	Upper
82	100		
128	46.2	35.5	53.3
54	59.2	48.5	72.7

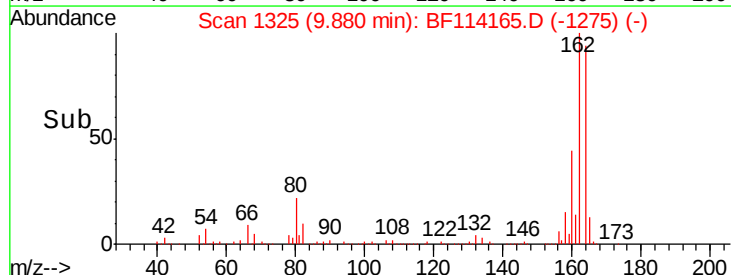
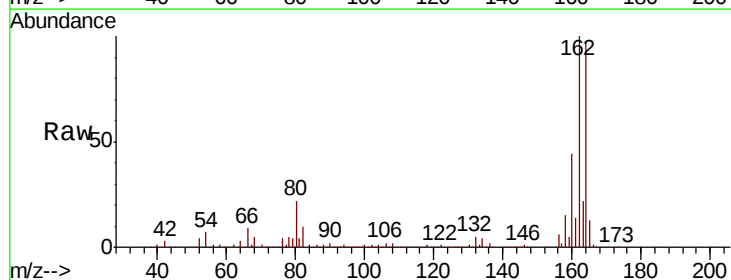
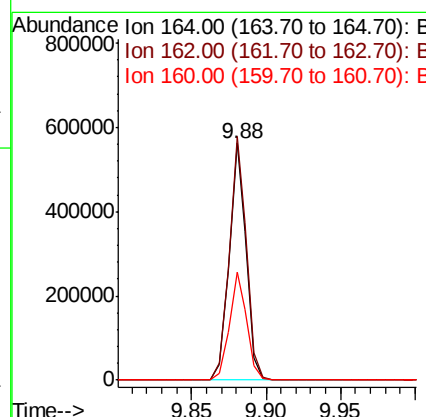
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF114165.D
 Acq: 11 May 2019 20:55

Tgt Ion	164	Resp	450658
Ion Ratio	100	Lower	Upper
164	100		
162	102.7	80.6	120.8
160	45.6	36.5	54.7





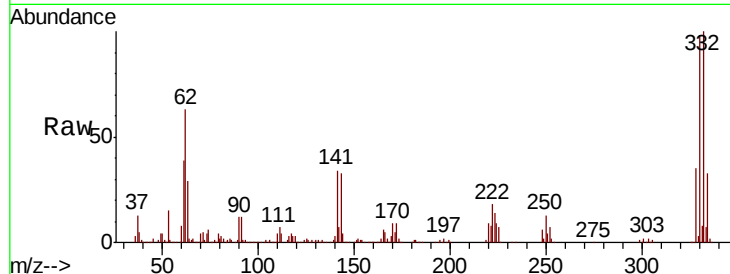
#42
 2,4,6-Tribromophenol
 Concen: 123.135 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF114165.D
 Acq: 11 May 2019 20:55

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS004-1824-01

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	102.9	573691	81.4	122.2
141	32.2		26.6	40.0

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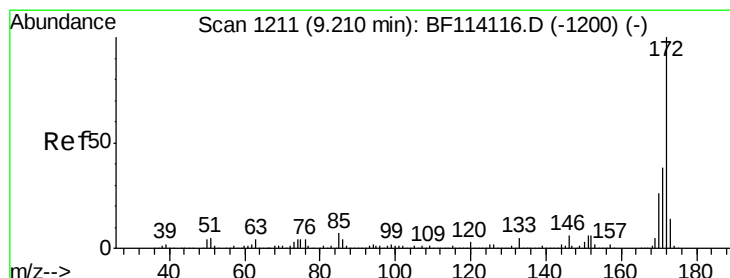
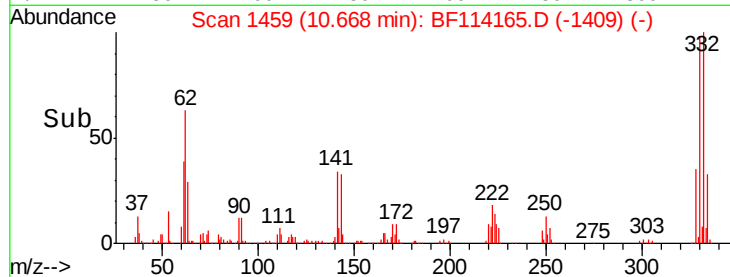
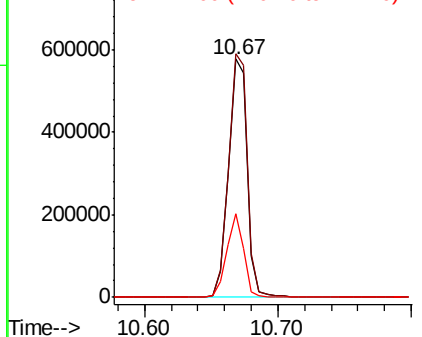


Abundance

Ion 329.80 (329.50 to 330.50): E

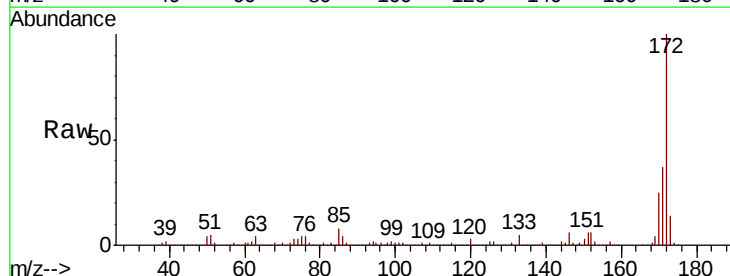
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 74.077 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114165.D
 Acq: 11 May 2019 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2206913		
171	36.8		30.7	46.1
170	24.9		20.5	30.7

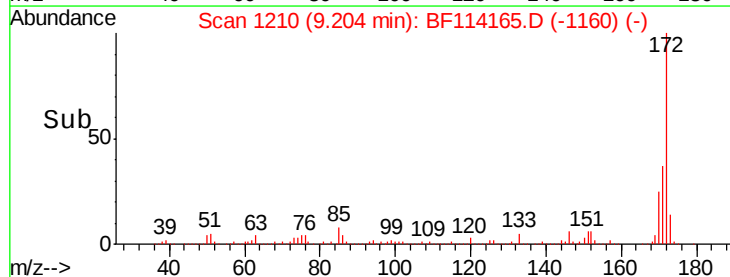
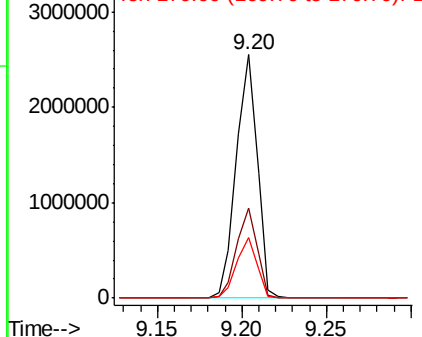


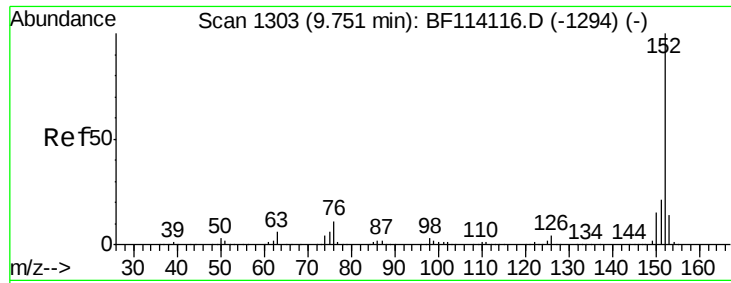
Abundance

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





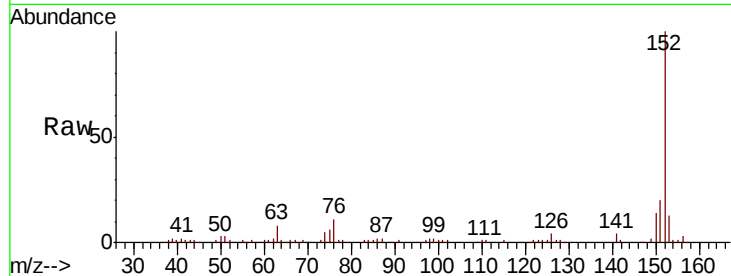
#49
Acenaphthylene
Concen: 2.139 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF114165.D
Acq: 11 May 2019 20:55

Instrument :
BNA_F
ClientSampleId :
P026-SS004-1824-01

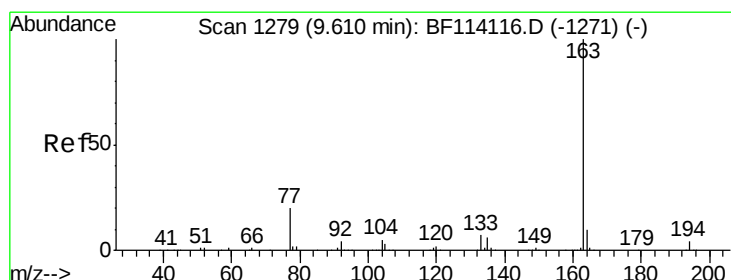
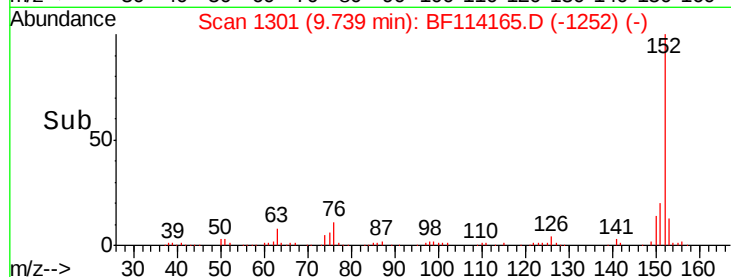
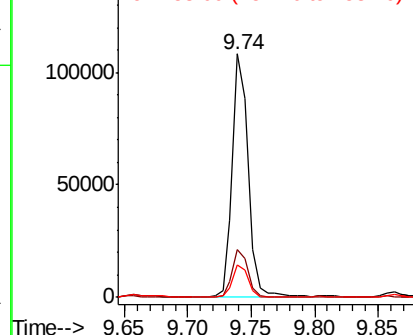
Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		95315		
151	19.8	16.8	25.2		
153	13.4	11.4	17.2		

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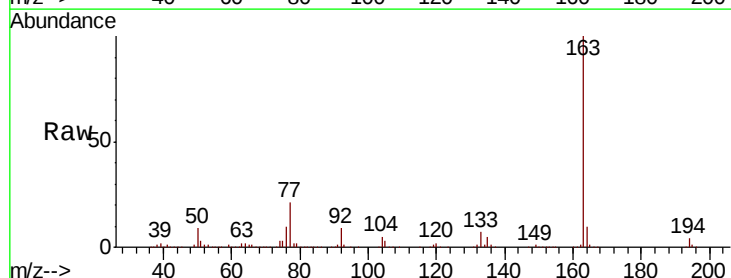


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

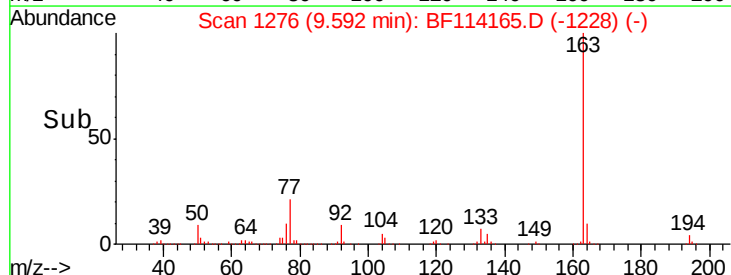
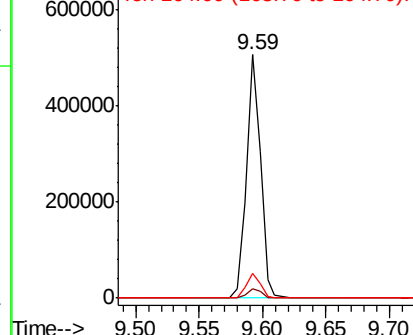


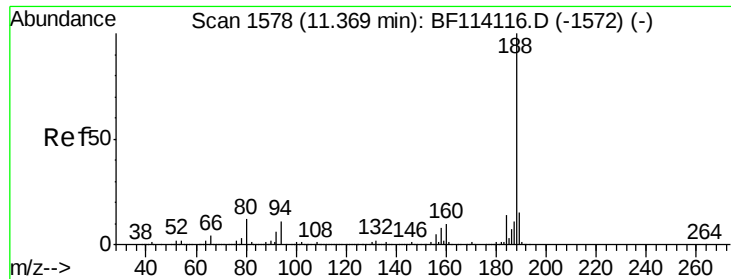
#50
Dimethylphthalate
Concen: 11.521 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF114165.D
Acq: 11 May 2019 20:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		381139		
194	3.9	3.4	5.0		
164	10.4	8.2	12.2		



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





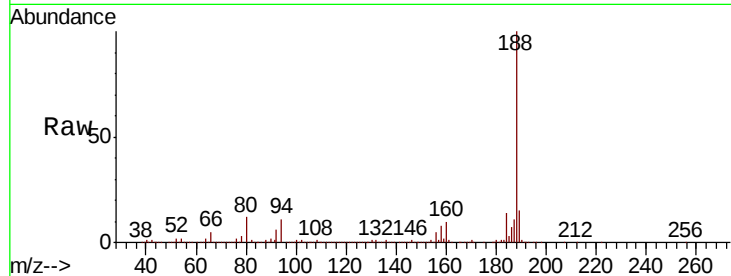
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF114165.D
Acq: 11 May 2019 20:55

Instrument :
BNA_F
ClientSampleId :
P026-SS004-1824-01

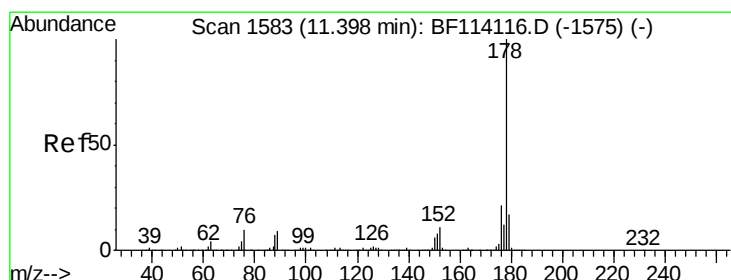
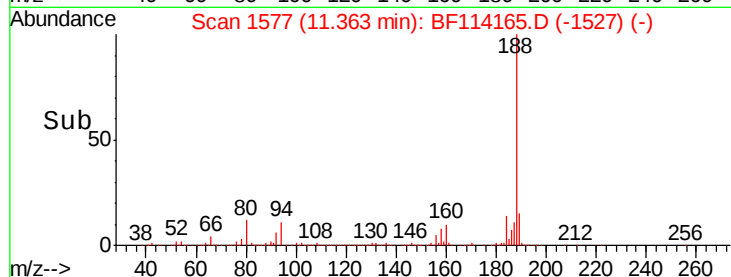
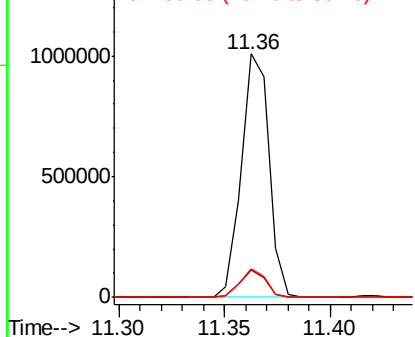
Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.3	8.4	12.6
80	11.7	9.2	13.8

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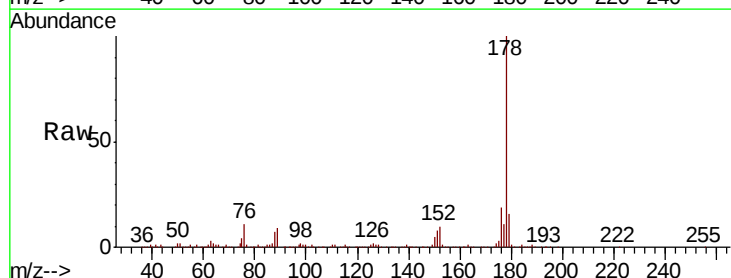


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

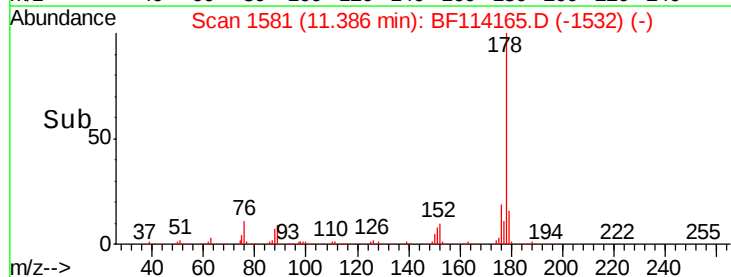
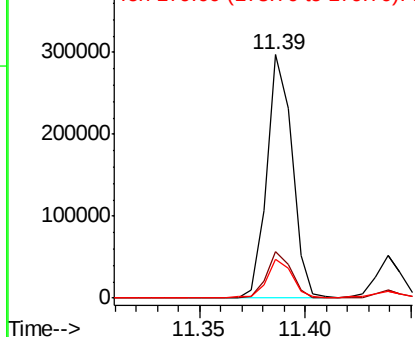


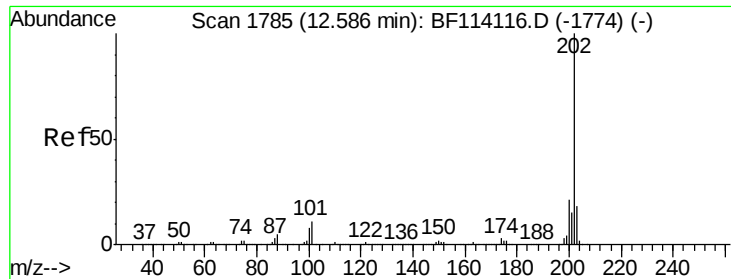
#71
Phenanthrene
Concen: 5.606 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF114165.D
Acq: 11 May 2019 20:55

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.3	16.4	24.6
179	16.0	13.2	19.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 10.812 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF114165.D

Acq: 11 May 2019 20:55

Instrument :

BNA_F

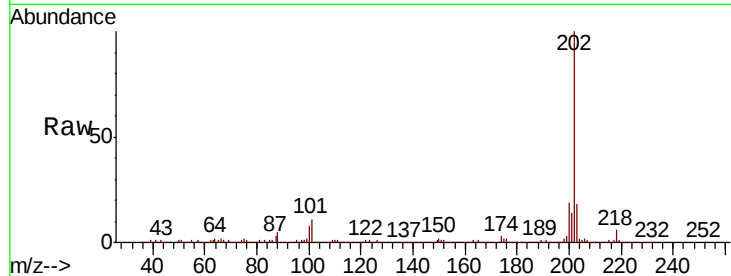
ClientSampleId :

P026-SS004-1824-01

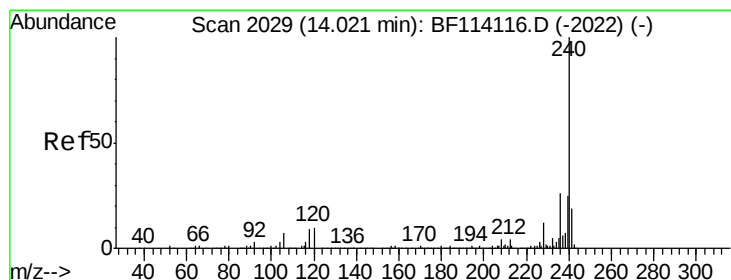
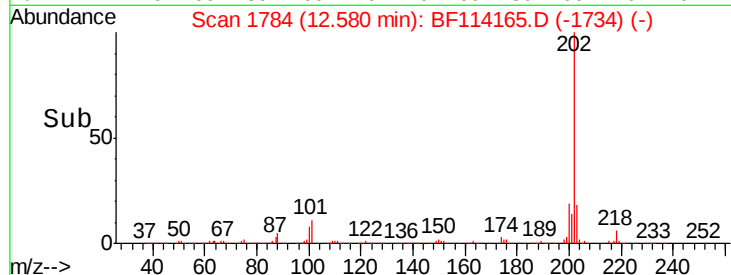
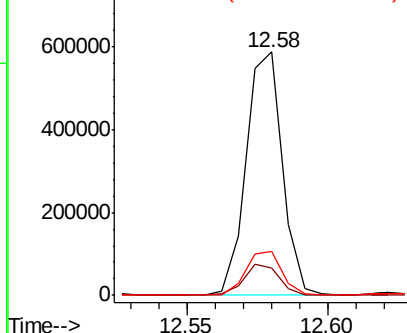
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		519094		
101	11.5	0.0	31.0		
203	17.9	0.0	38.4		

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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

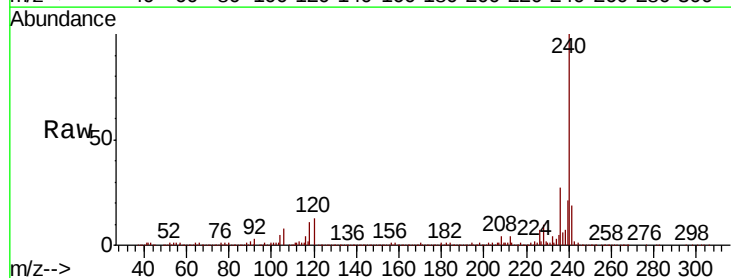
RT: 14.00 min Scan# 2026

Delta R.T. -0.02 min

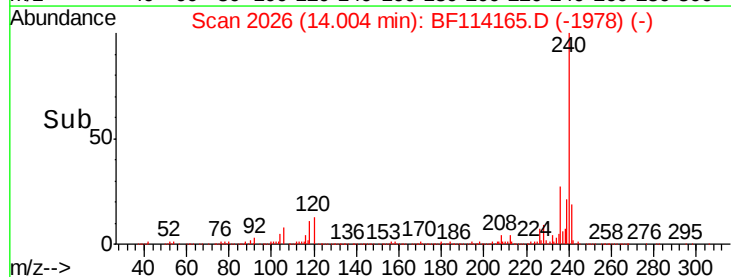
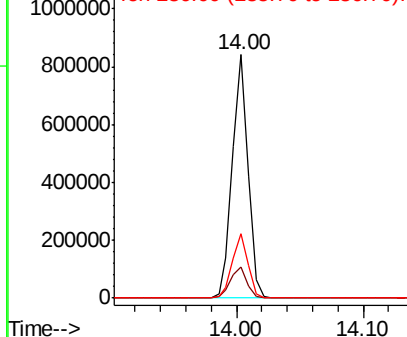
Lab File: BF114165.D

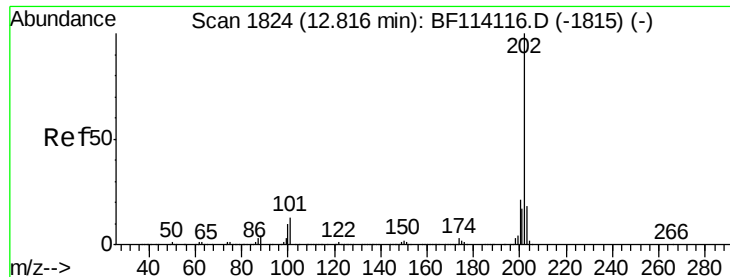
Acq: 11 May 2019 20:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		712753		
120	12.7	8.3	12.5#		
236	26.6	20.8	31.2		



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





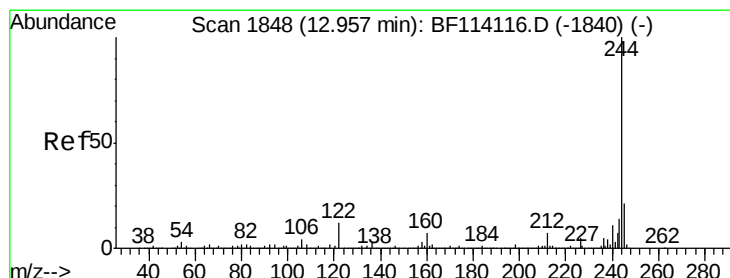
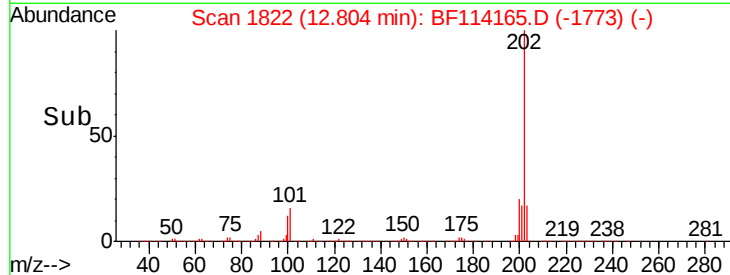
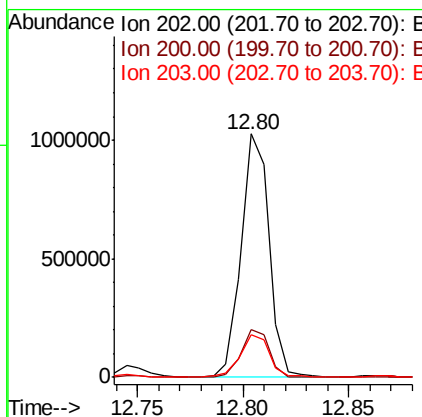
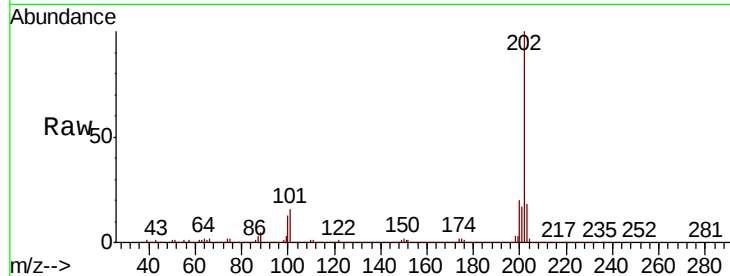
#78
Pvrene
Concen: 16.294 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF114165.D
Acq: 11 May 2019 20:55

Instrument :
BNA_F
ClientSampleId :
P026-SS004-1824-01

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	19.8	16.9	25.3
203	17.7	14.5	21.7

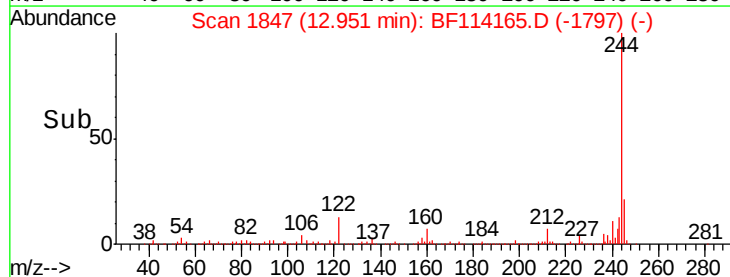
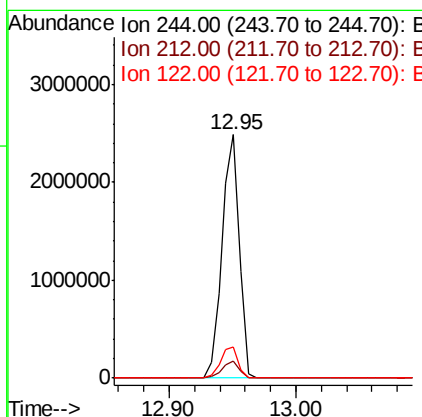
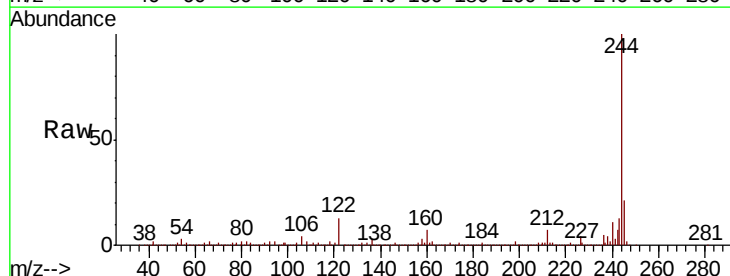
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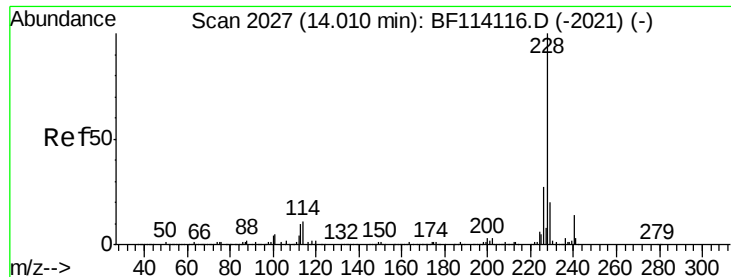
Sohil
5/13/2019 8:36:26 PM



#79
Terphenyl-d14
Concen: 68.224 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF114165.D
Acq: 11 May 2019 20:55

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	5.8	8.6
122	13.0	9.4	14.2





#81

Benzo(a)anthracene

Concen: 7.846 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BF114165.D

Acq: 11 May 2019 20:55

Instrument :

BNA_F

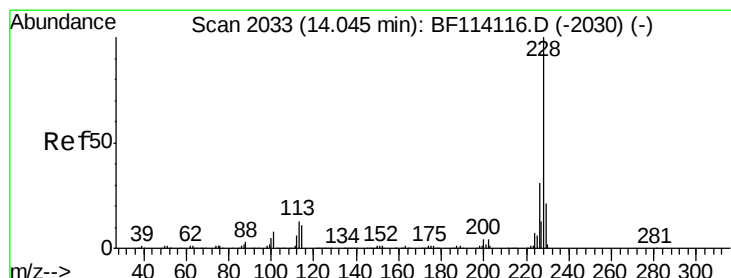
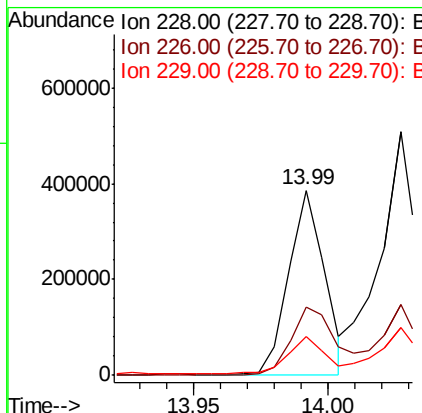
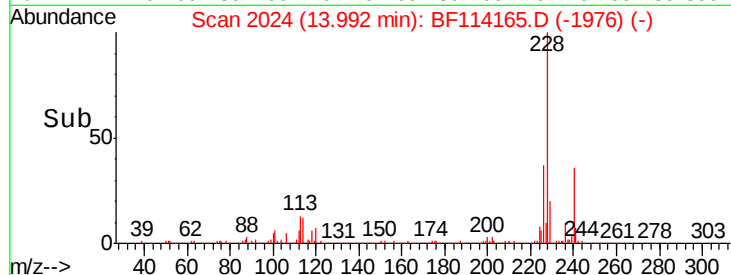
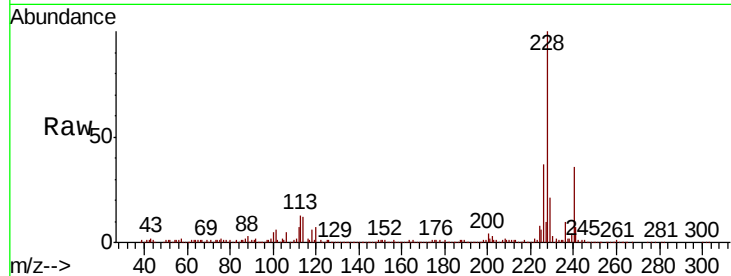
ClientSampleId :

P026-SS004-1824-01

Tot Ion:	228	Resp:	361726
Ion Ratio	Lower	Upper	
228	100		
226	36.9	22.2	33.2#
229	20.8	16.4	24.6

Manual Integrations
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#83

Chrysene

Concen: 9.857 ng

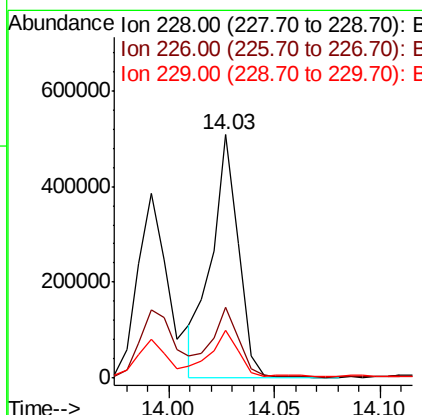
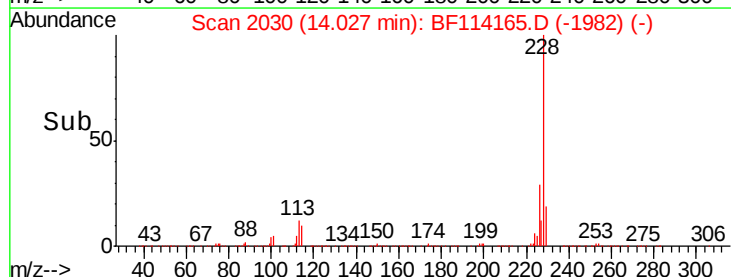
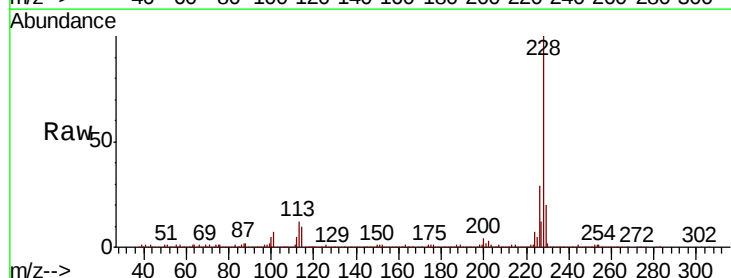
RT: 14.03 min Scan# 2030

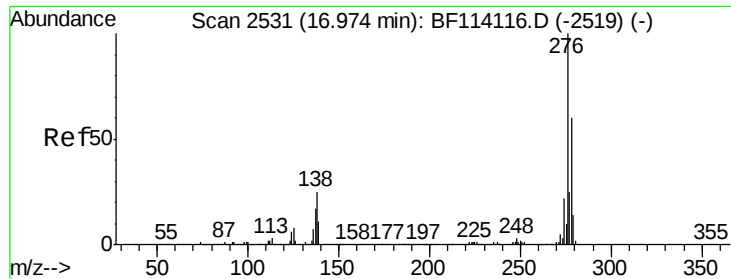
Delta R.T. -0.02 min

Lab File: BF114165.D

Acq: 11 May 2019 20:55

Tgt Ion:	228	Resp:	445468
Ion Ratio	Lower	Upper	
228	100		
226	29.0	25.0	37.6
229	19.7	17.0	25.6





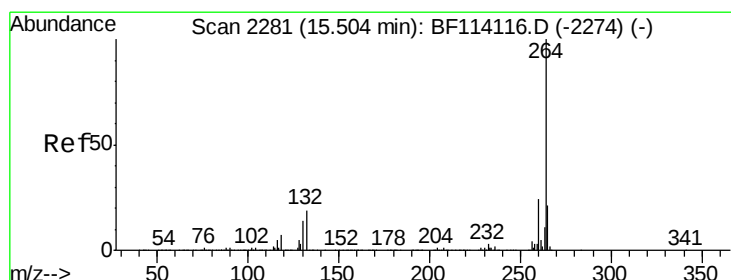
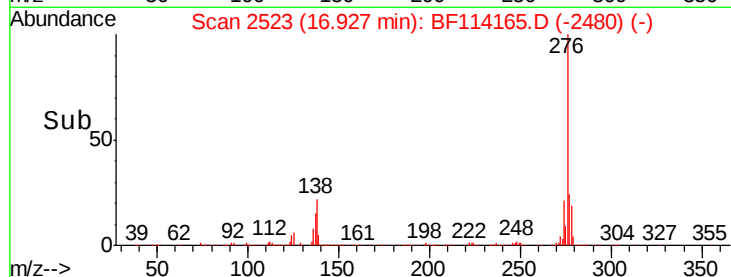
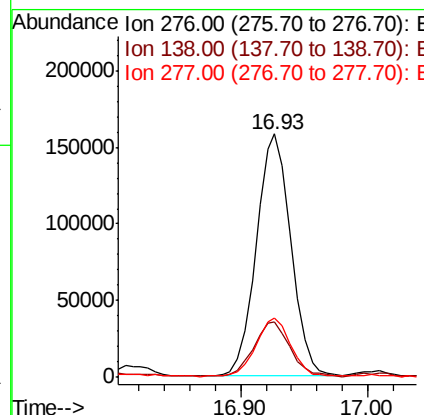
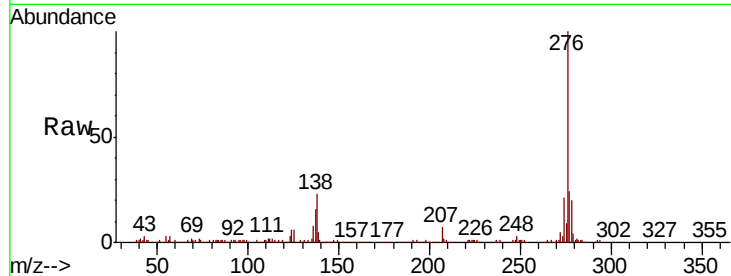
#86
Indeno(1,2,3-cd)pyrene
Concen: 7.502 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.05 min
Lab File: BF114165.D
Acq: 11 May 2019 20:55

Instrument :
BNA_F
ClientSampleId :
P026-SS004-1824-01

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.4	20.2	30.2
277	24.0	20.0	30.0

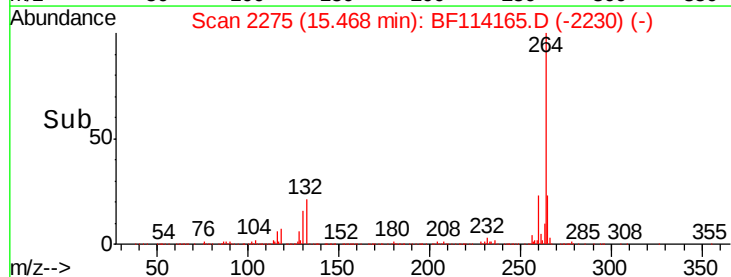
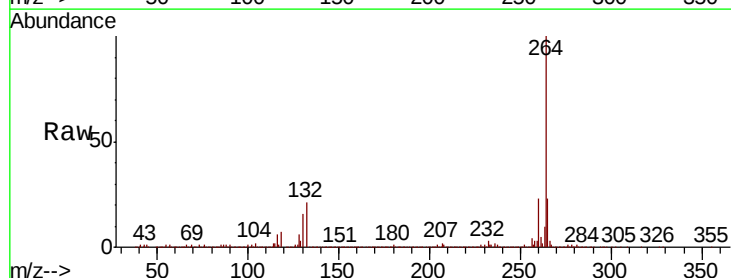
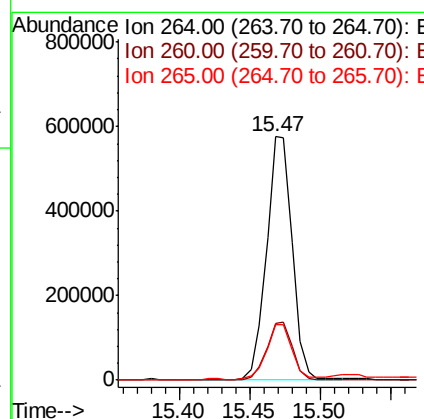
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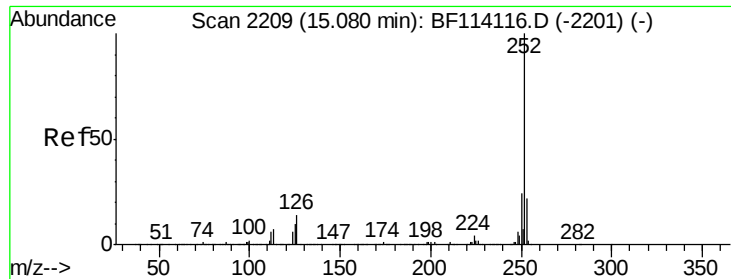
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.04 min
Lab File: BF114165.D
Acq: 11 May 2019 20:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.0
265	23.0	16.9	25.3





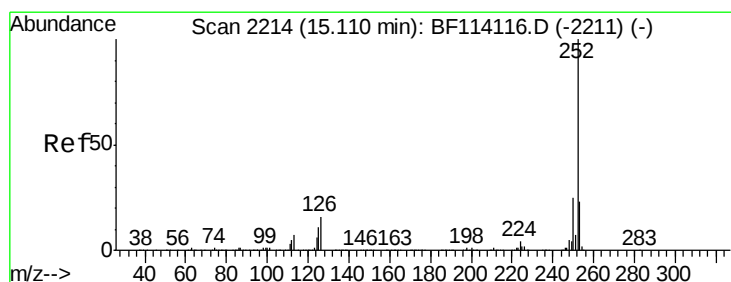
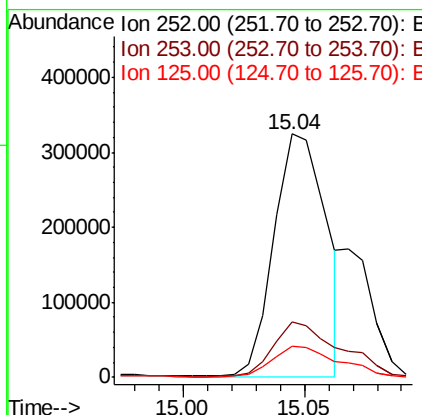
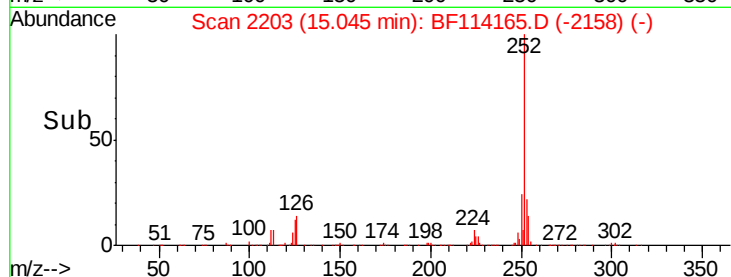
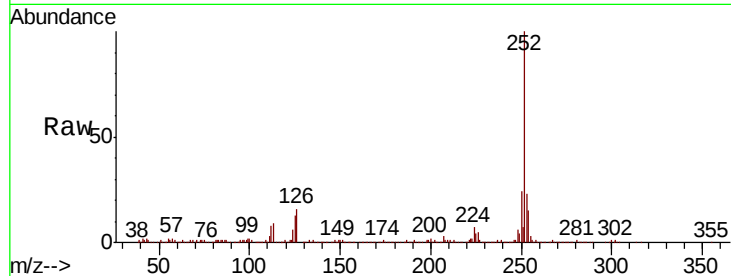
#88
Benzo(b)fluoranthene
Concen: 10.234 ng m
RT: 15.04 min Scan# 2203
Delta R.T. -0.04 min
Lab File: BF114165.D
Acq: 11 May 2019 20:55

Instrument :
BNA_F
ClientSampleId :
P026-SS004-1824-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	12.6	8.3	12.5

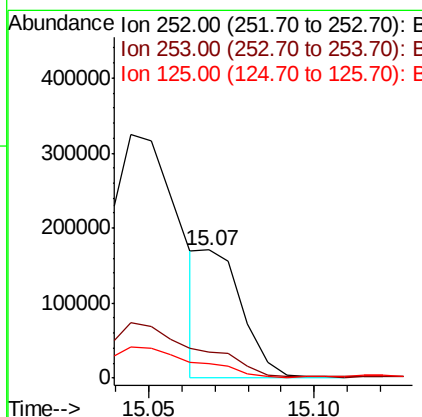
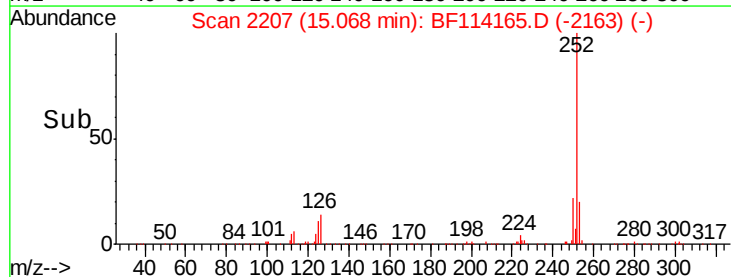
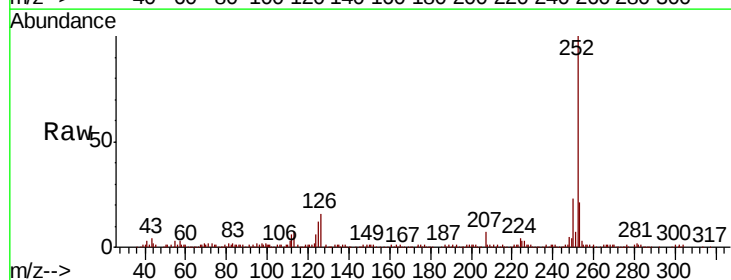
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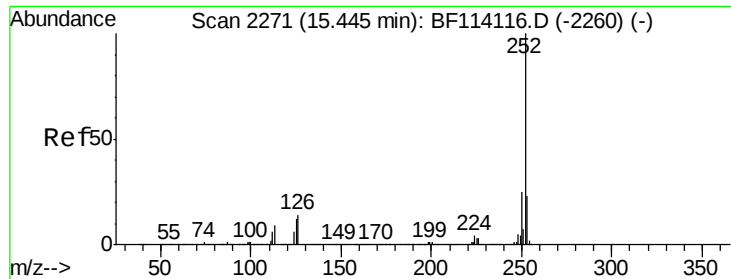
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#89
Benzo(k)fluoranthene
Concen: 3.486 ng m
RT: 15.07 min Scan# 2207
Delta R.T. -0.04 min
Lab File: BF114165.D
Acq: 11 May 2019 20:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.8	18.2	27.2
125	11.5	8.6	13.0





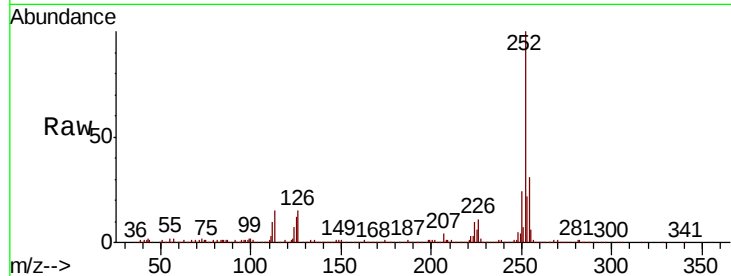
#90
Benzo(a)pyrene
Concen: 7.158 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.04 min
Lab File: BF114165.D
Acq: 11 May 2019 20:55

Instrument :
BNA_F
ClientSampleId :
P026-SS004-1824-01

Tot Ion:	252	Resp:	299159
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.1	27.1
125	12.0	9.5	14.3

Manual Integrations
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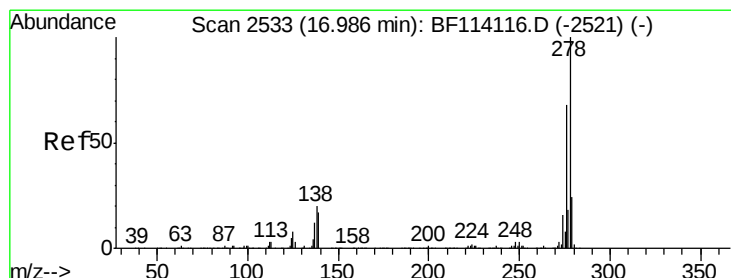
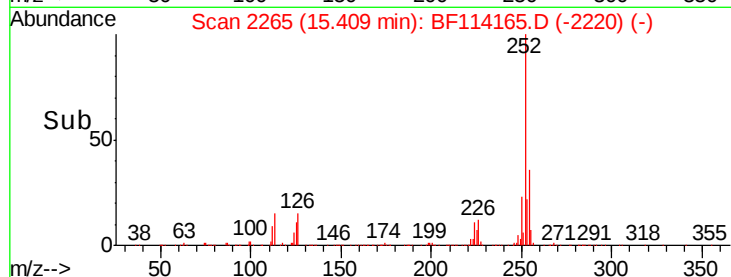
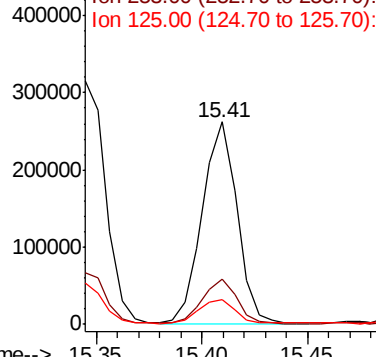


Abundance

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



#91
Dibenzo(a,h)anthracene
Concen: 2.240 ng m
RT: 16.93 min Scan# 2524
Delta R.T. -0.05 min
Lab File: BF114165.D
Acq: 11 May 2019 20:55

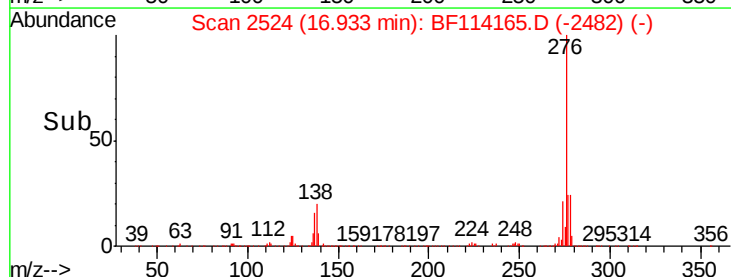
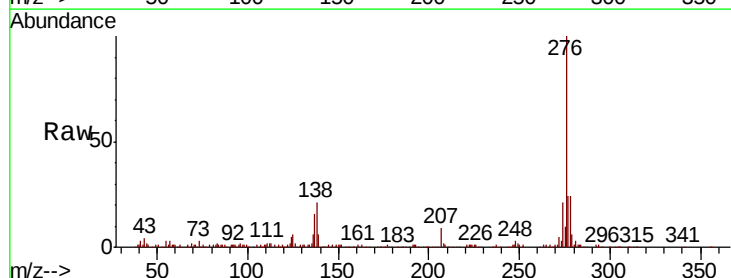
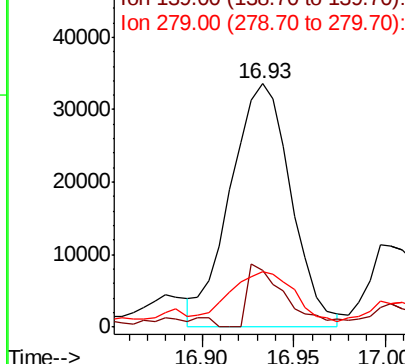
Tgt Ion:	278	Resp:	77793
Ion Ratio	Lower	Upper	
278	100		
139	23.5	13.5	20.3#
279	22.6	19.0	28.6

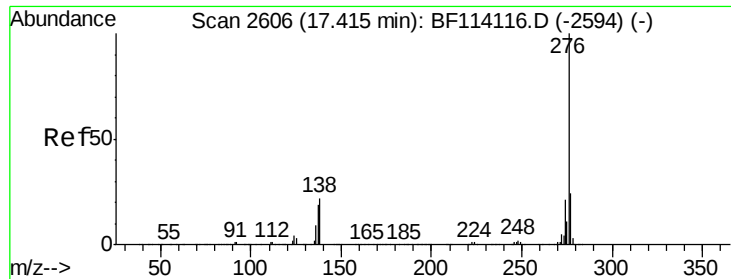
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92
 Benzo(a,h,i)perylene
 Concen: 10.353 ng
 RT: 17.37 min Scan# 2598
 Delta R.T. -0.05 min
 Lab File: BF114165.D
 Acq: 11 May 2019 20:55

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS004-1824-01

Tot Ion:	276	Resp:	360287
Ion Ratio		Lower	Upper
276	100		
277	23.2	19.0	28.4
138	24.9	17.8	26.6

Manual Integrations
 APPROVED

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 5/13/2019 8:36:26 PM

