

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
 Data File : BF118615.D
 Acq On : 21 Jan 2020 2:26
 Operator : CG/JU
 Sample : L1190-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TSP-02

Manual Integrations
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Quant Time: Jan 21 03:25:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	461507	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1555755	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	736473	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	1116884	20.00	ng	0.00
76) Chrysene-d12	14.04	240	874918	20.00	ng	0.00
87) Perylene-d12	15.52	264	755907	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	2365769	95.21	ng	0.00
7) Phenol-d6	6.51	99	3048665	94.39	ng	0.00
23) Nitrobenzene-d5	7.44	82	1819129	65.40	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	692024	81.24	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	2553751	56.99	ng	0.00
79) Terphenyl-d14	12.99	244	2235052	55.72	ng	0.00
Target Compounds						
10) Phenol	6.52	94	140547	3.819	ng	99
50) Dimethylphthalate	9.63	163	289330	6.030	ng	# 94
71) Phenanthrene	11.43	178	111912	2.077	ng	94
75) Fluoranthene	12.62	202	233479	4.108	ng	94
78) Pyrene	12.84	202	256338	4.316	ng	95
81) Benzo(a)anthracene	14.03	228	144584	2.747	ng	96
83) Chrysene	14.07	228	132101	2.619	ng	96
88) Benzo(b)fluoranthene	15.09	252	188198m	3.961	ng	
90) Benzo(a)pyrene	15.46	252	126446	3.085	ng	# 88
92) Benzo(g,h,i)perylene	17.44	276	83262	2.365	ng	# 90

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

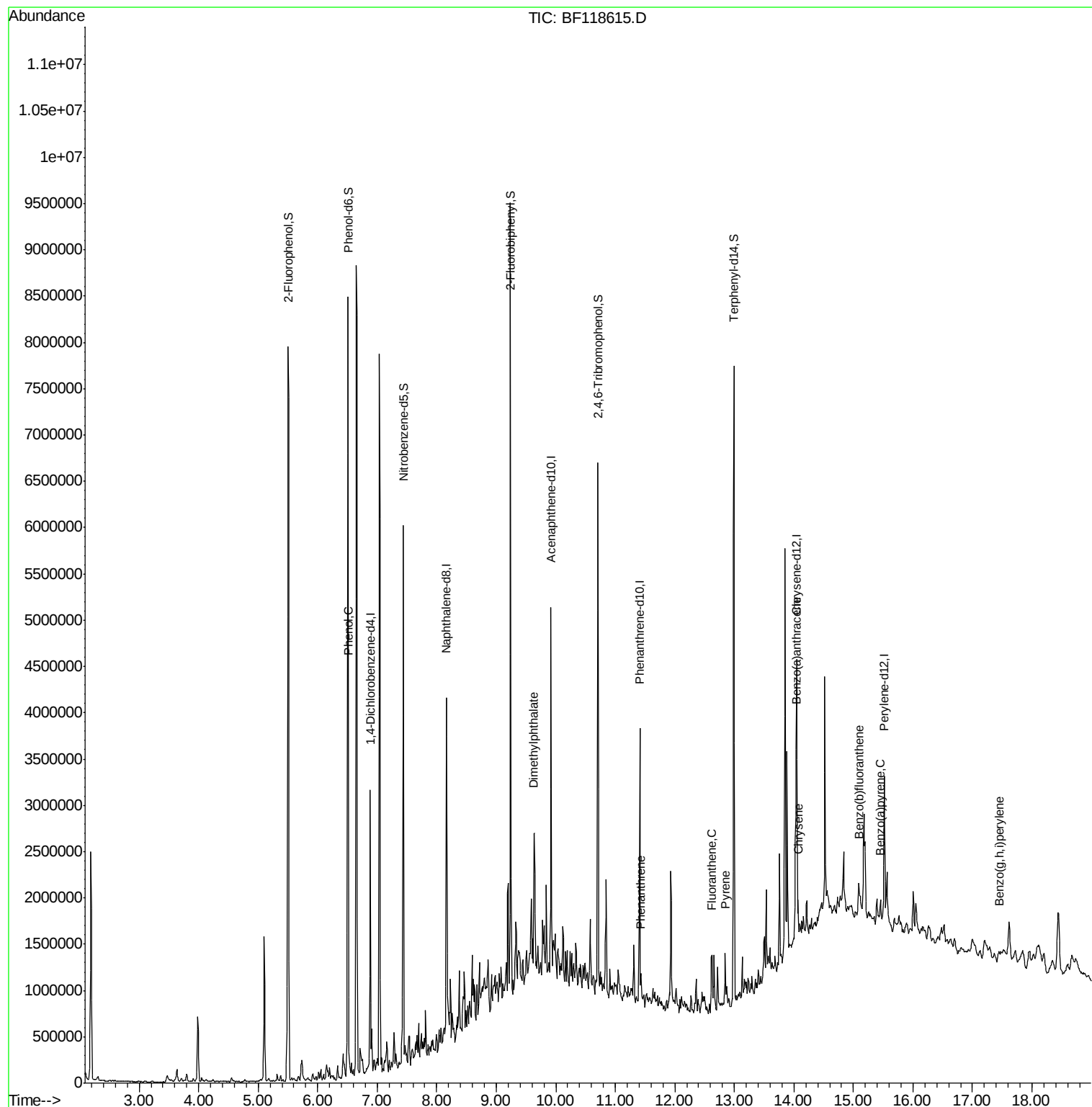
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118615.D
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Sample : L1190-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

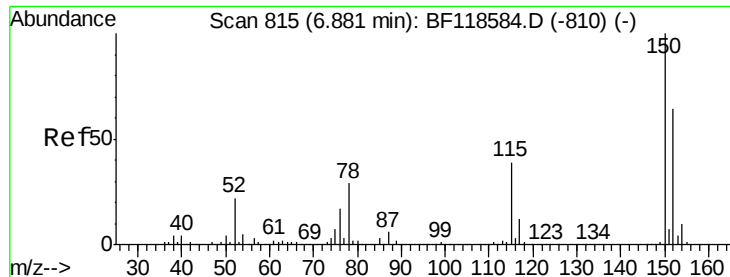
Instrument :
BNA_F
ClientSampleId :
TSP-02

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

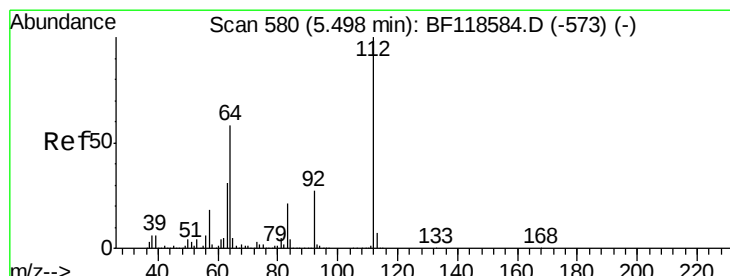
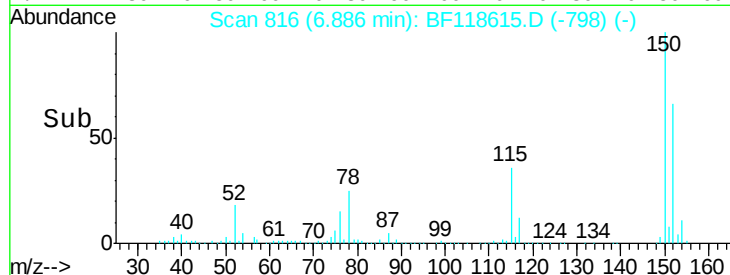
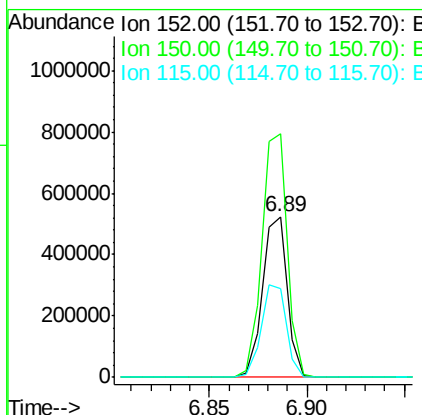
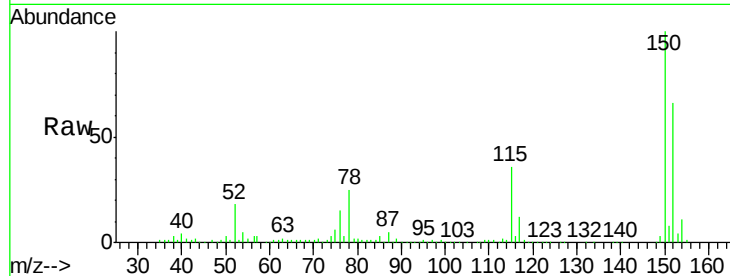
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF118615.D
Acq: 21 Jan 2020 2:26

Instrument :
BNA_F
ClientSampleId :
TSP-02

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.2	125.6	188.4
115	55.0	48.4	72.6

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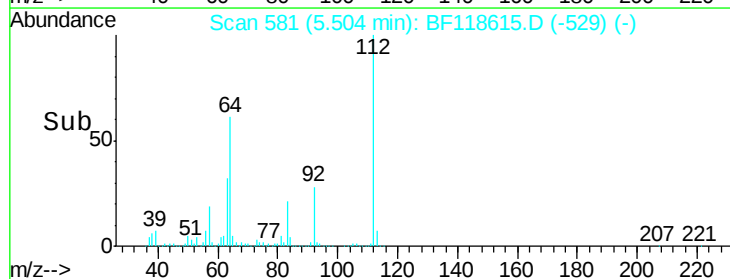
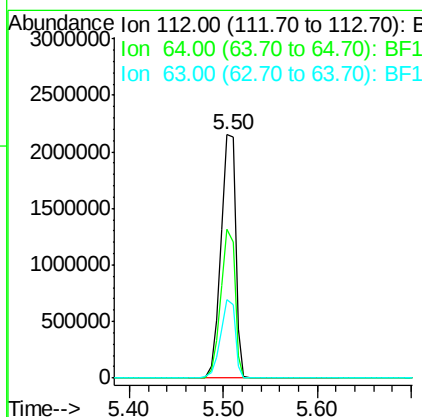
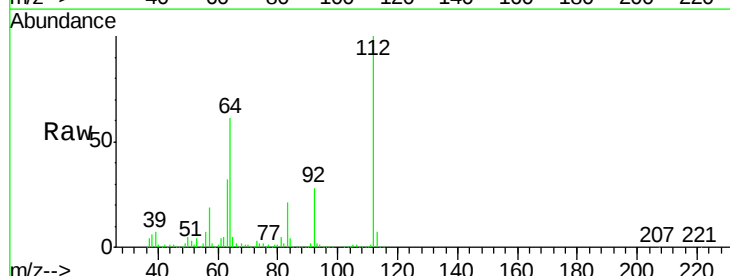
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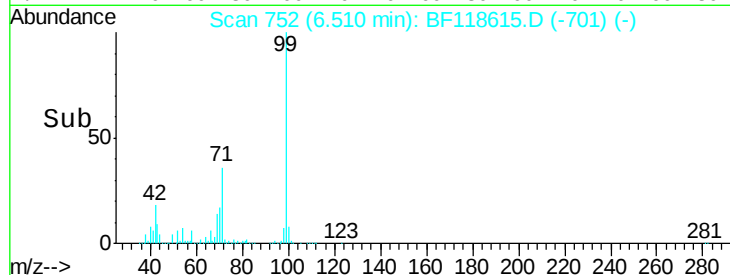
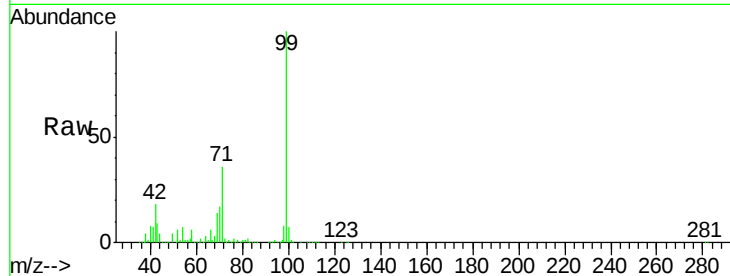
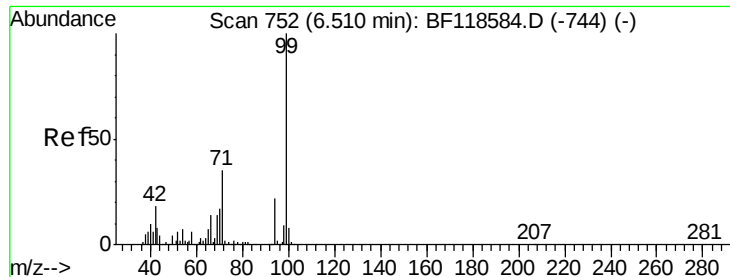


#5

2-Fluorophenol
Concen: 95.206 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF118615.D
Acq: 21 Jan 2020 2:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	46.6	70.0
63	32.3	25.1	37.7





#7

Phenol-d6

Concen: 94.394 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF118615.D

Acq: 21 Jan 2020 2:26

Tot Ion:	99	Resp:	3048665
Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.2	21.2
71	36.3	27.8	41.6

Instrument :

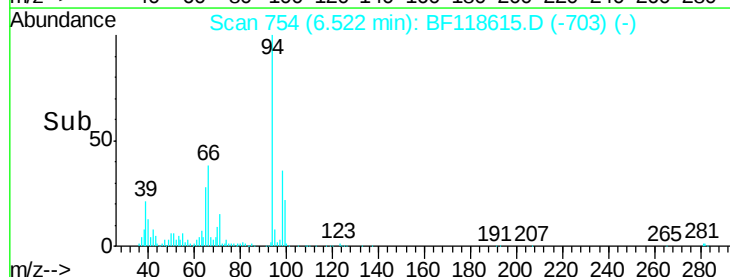
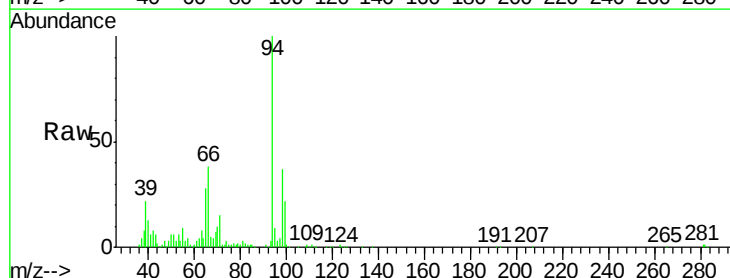
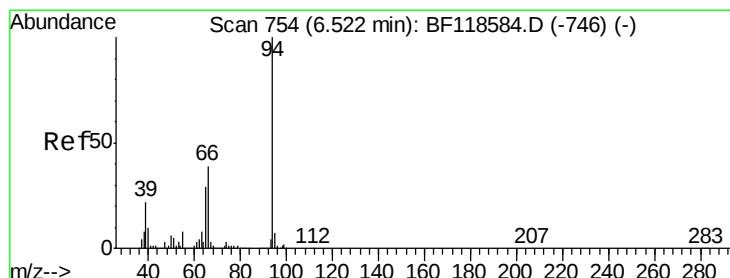
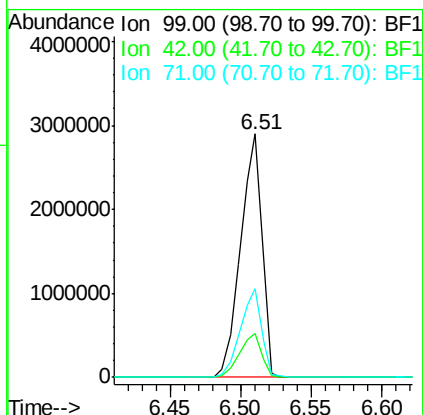
BNA_F

ClientSampleId :

TSP-02

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#10

Phenol

Concen: 3.819 ng

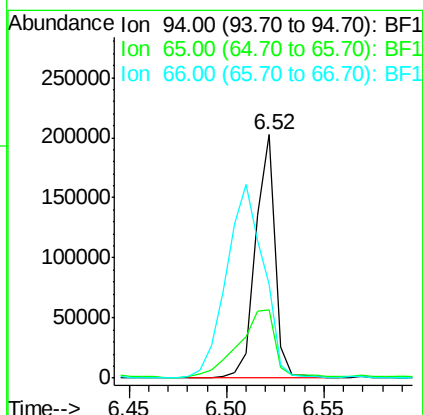
RT: 6.52 min Scan# 754

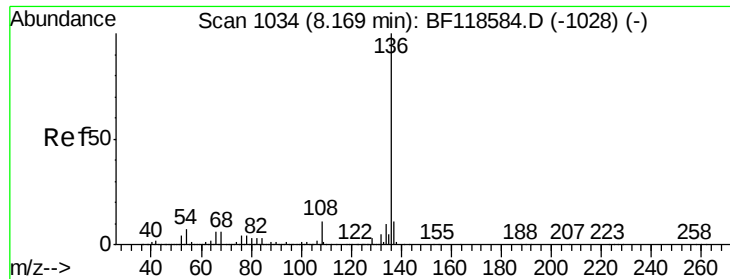
Delta R.T. 0.00 min

Lab File: BF118615.D

Acq: 21 Jan 2020 2:26

Tgt Ion:	94	Resp:	140547
Ion	Ratio	Lower	Upper
94	100		
65	28.2	9.5	49.5
66	38.4	18.5	58.5





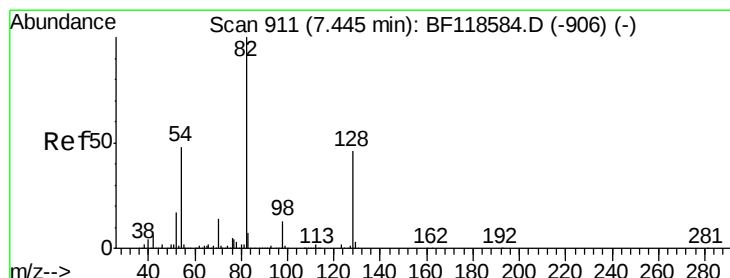
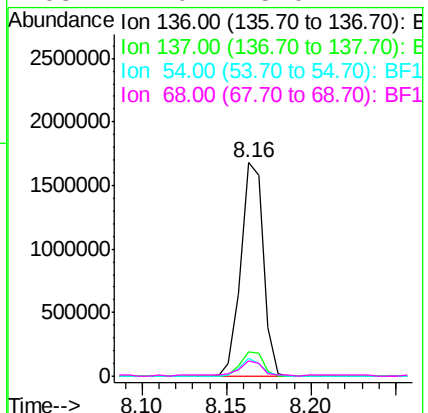
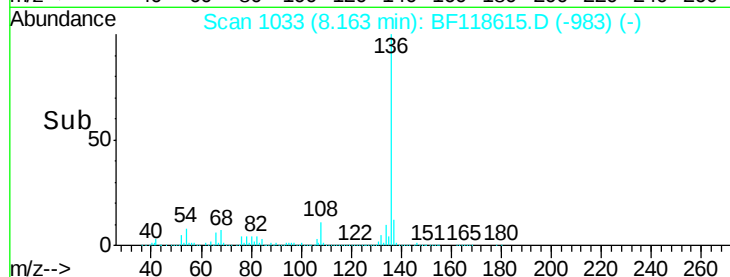
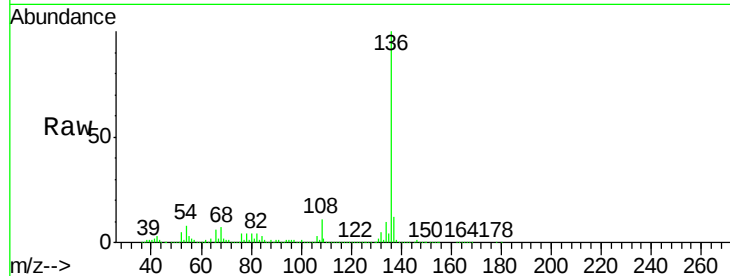
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118615.D
Acq: 21 Jan 2020 2:26

Instrument :
BNA_F
ClientSampleId :
TSP-02

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	8.2	5.8	8.6
68	7.0	5.0	7.4

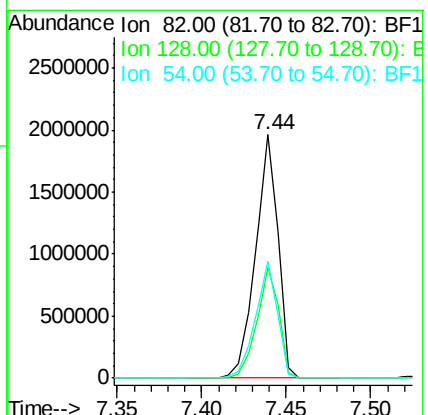
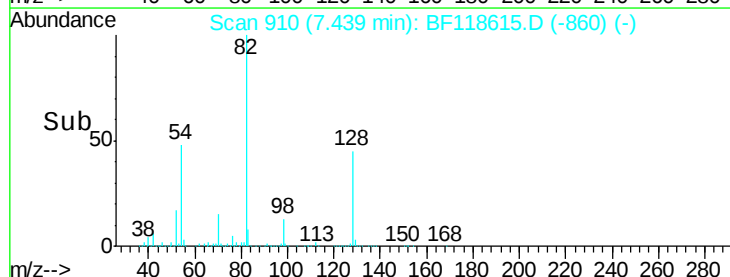
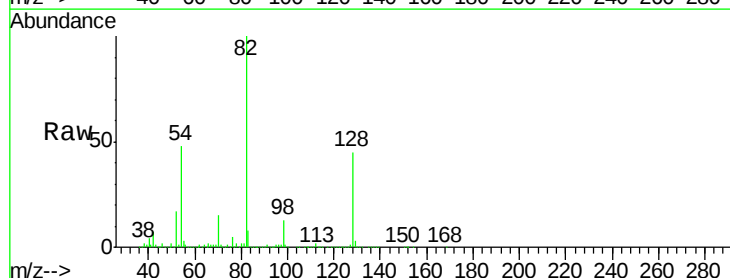
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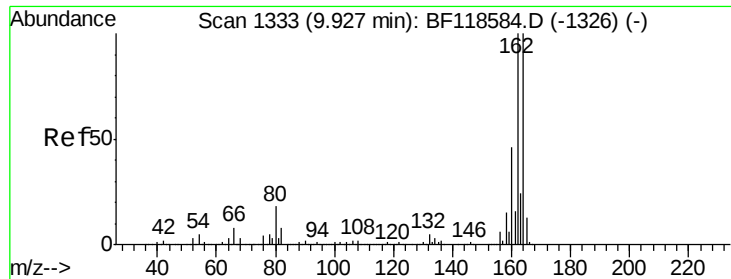
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#23
Nitrobenzene-d5
Concen: 65.403 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF118615.D
Acq: 21 Jan 2020 2:26

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.6	54.8
54	47.9	38.0	57.0





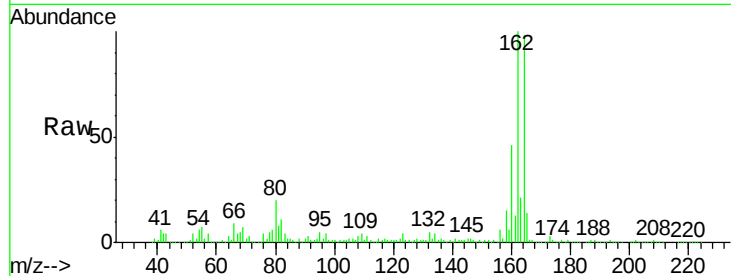
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF118615.D
Acq: 21 Jan 2020 2:26

Instrument :
BNA_F
ClientSampleId :
TSP-02

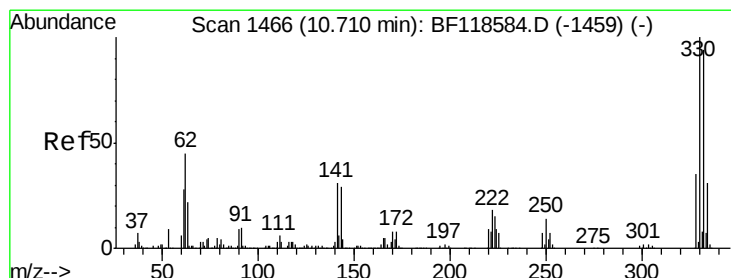
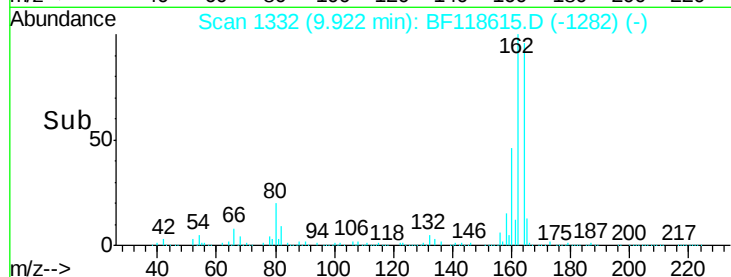
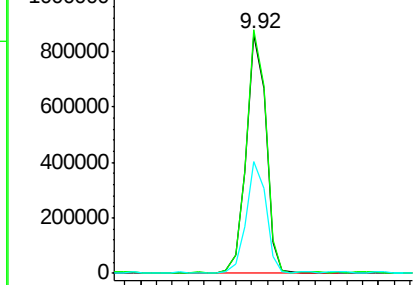
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.4	120.6
160	47.0	36.6	55.0

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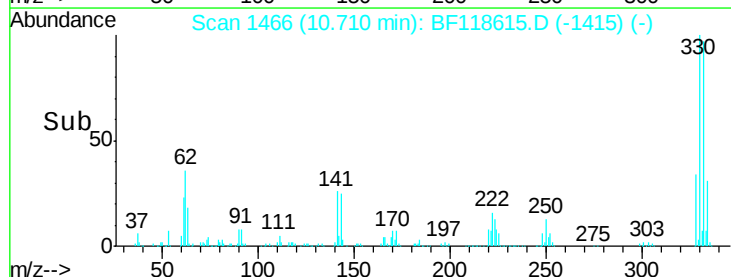
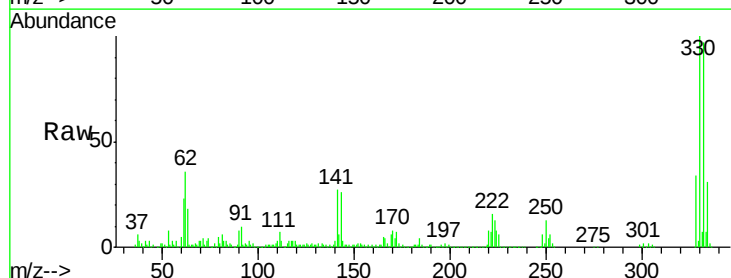
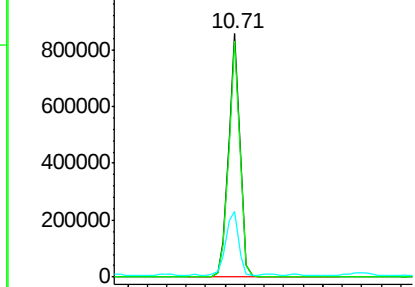
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

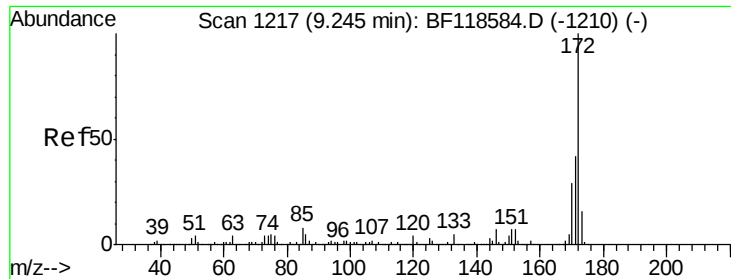


#42
2,4,6-Tribromophenol
Concen: 81.240 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF118615.D
Acq: 21 Jan 2020 2:26

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.2	114.4
141	30.3	23.9	35.9

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





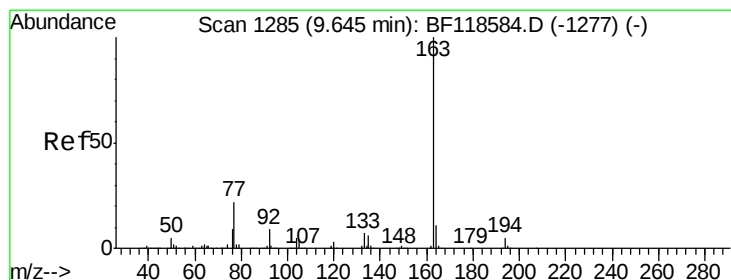
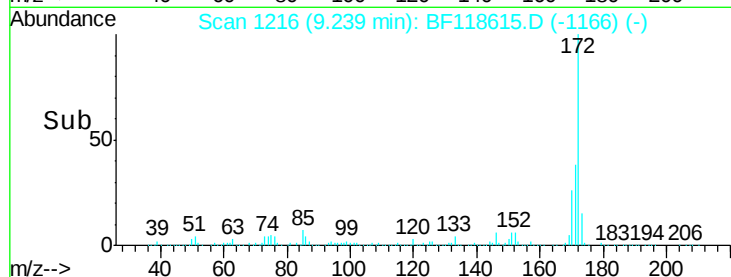
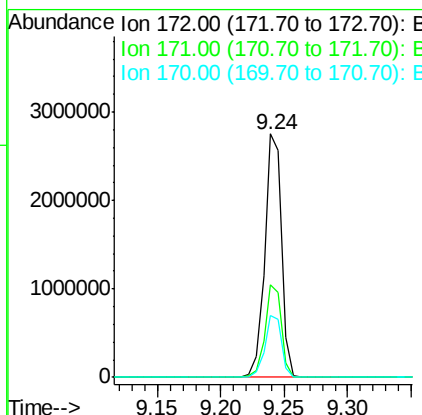
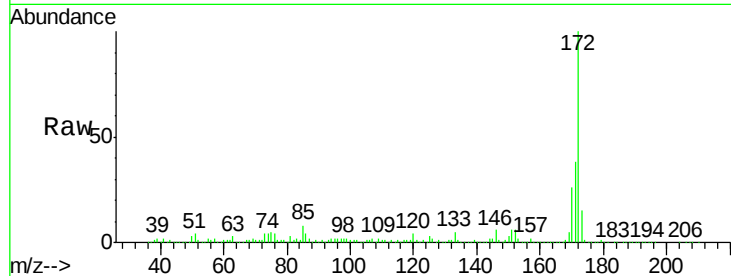
#45
2-Fluorobiphenyl
Concen: 56.993 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF118615.D
Acq: 21 Jan 2020 2:26

Instrument :
BNA_F
ClientSampleId :
TSP-02

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	33.4	50.2
170	25.5	23.2	34.8

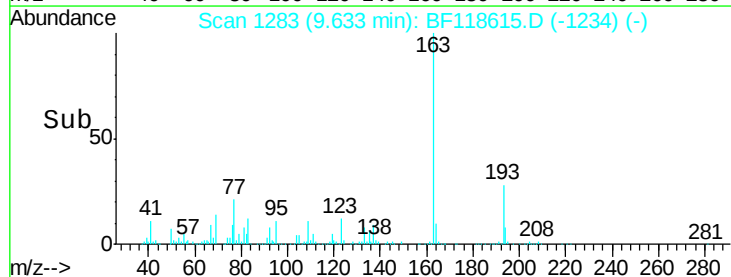
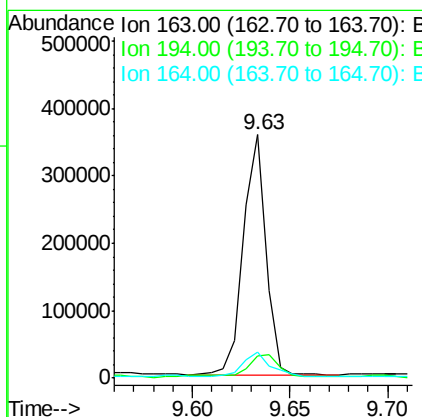
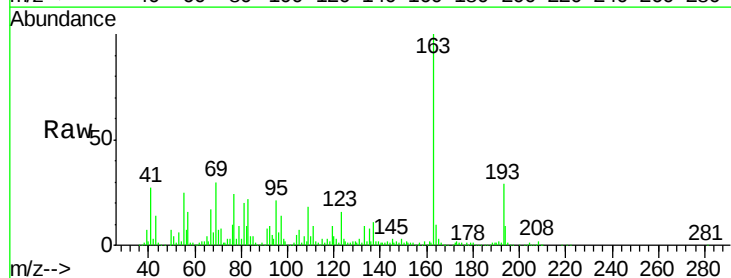
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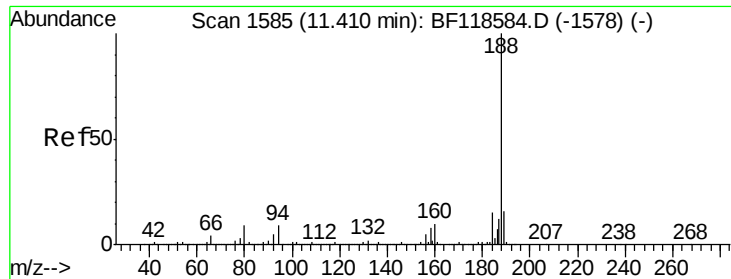
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#50
Dimethylphthalate
Concen: 6.030 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF118615.D
Acq: 21 Jan 2020 2:26

Tgt Ion	Ratio	Lower	Upper
163	100		
194	9.1	3.9	5.9#
164	10.5	9.1	13.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF118615.D

Acq: 21 Jan 2020 2:26

Instrument :

BNA_F

ClientSampleId :

TSP-02

Tot Ion:188 Resp: 1116884

Ion Ratio Lower Upper

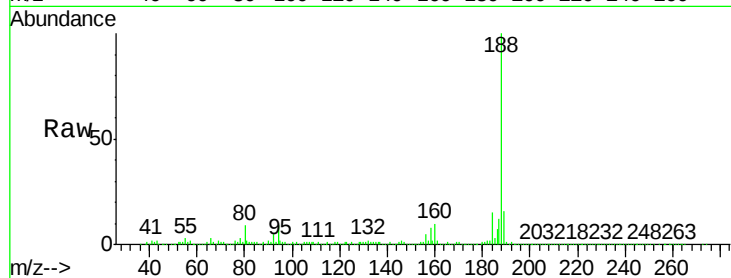
188 100

94 8.6 7.1 10.7

80 9.0 7.5 11.3

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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

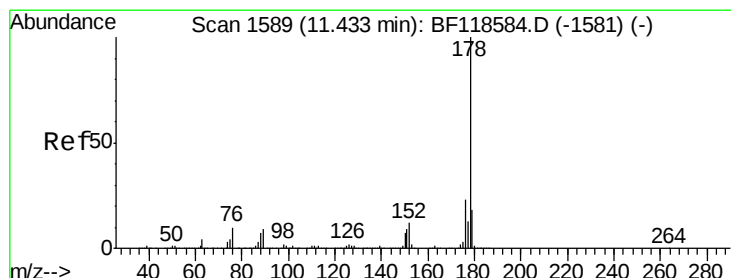
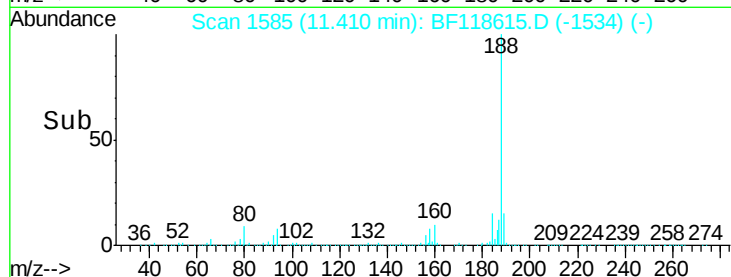
1500000

1000000

500000

0

Time-->



#71

Phenanthrene

Concen: 2.077 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF118615.D

Acq: 21 Jan 2020 2:26

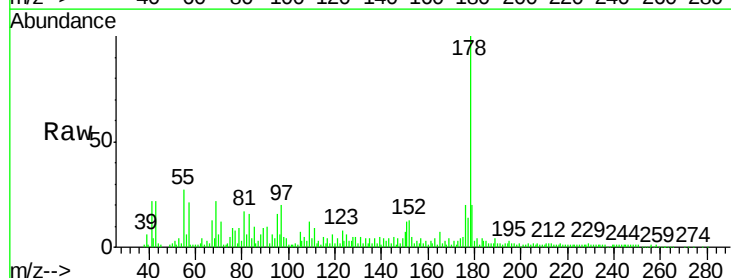
Tgt Ion:178 Resp: 111912

Ion Ratio Lower Upper

178 100

176 19.7 18.6 27.8

179 20.3 14.7 22.1



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

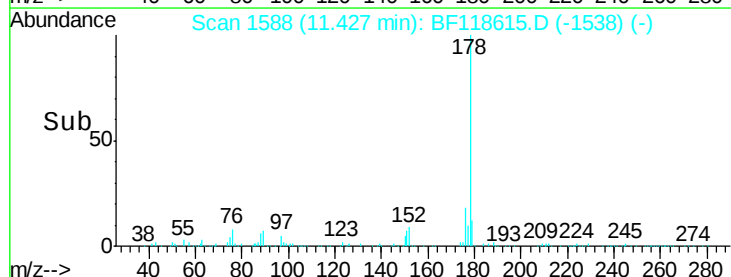
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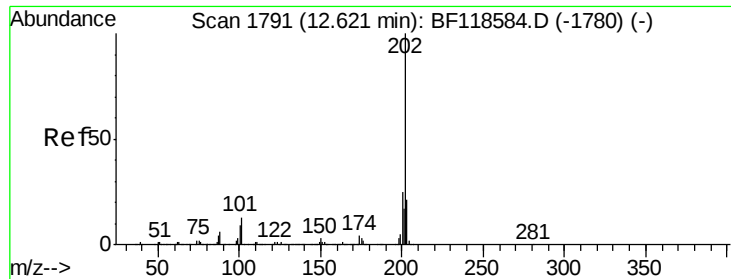
100000

50000

0

Time-->





#75

Fluoranthene

Concen: 4.108 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF118615.D

Acq: 21 Jan 2020 2:26

Instrument :

BNA_F

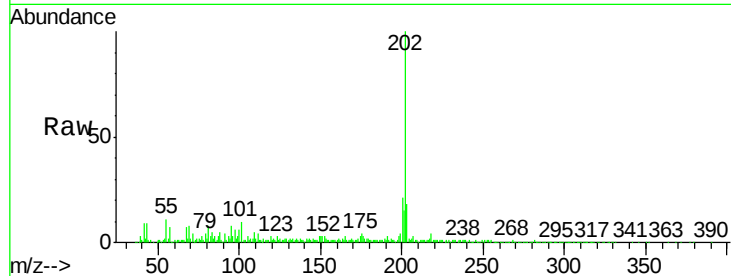
ClientSampleId :

TSP-02

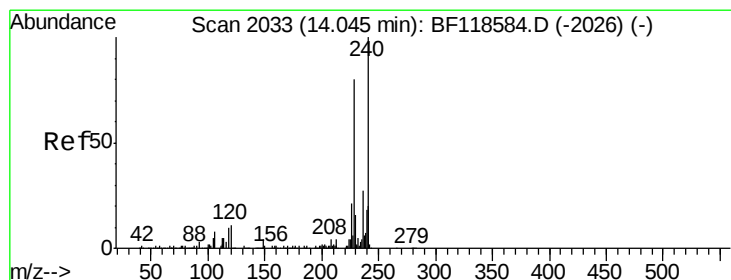
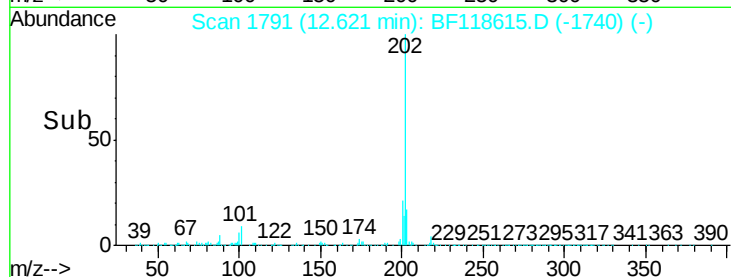
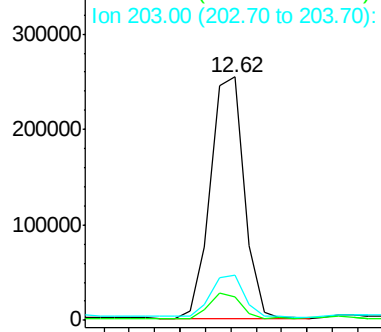
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.7	0.0	32.5
203	18.5	0.8	40.8

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Abundance Ion 202.00 (201.70 to 202.70): E



#76

Chrysene-d12

Concen: 20.000 ng

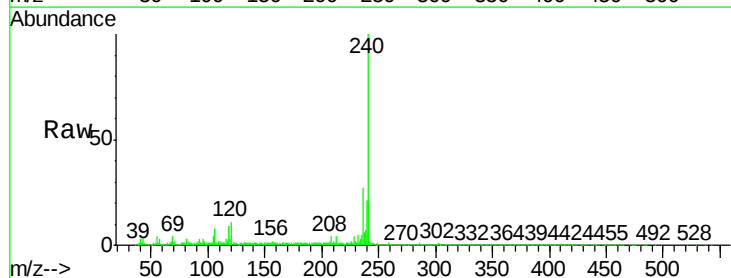
RT: 14.04 min Scan# 2033

Delta R.T. 0.00 min

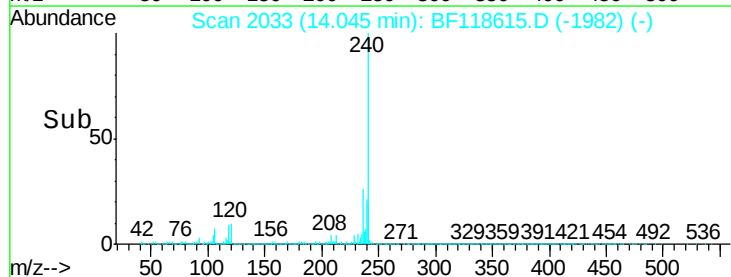
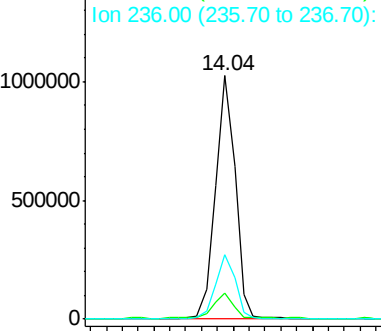
Lab File: BF118615.D

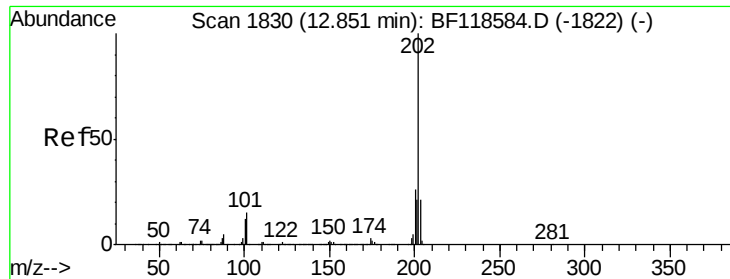
Acq: 21 Jan 2020 2:26

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.6	8.9	13.3
236	26.6	21.5	32.3



Abundance Ion 240.00 (239.70 to 240.70): E





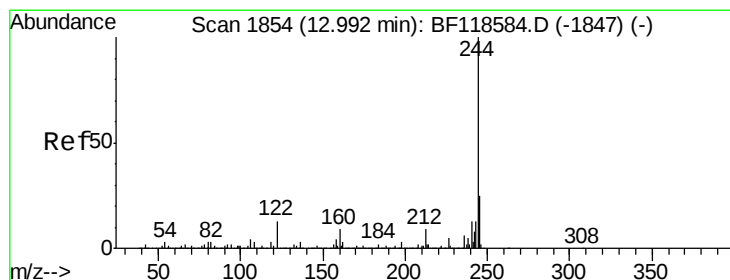
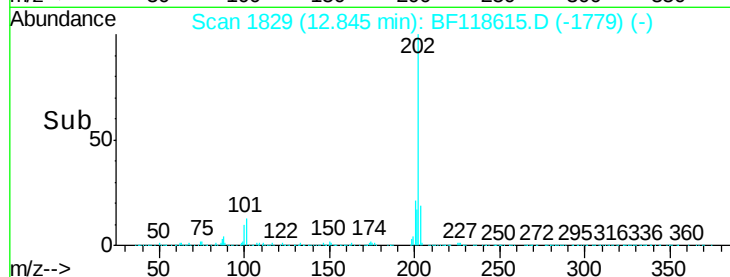
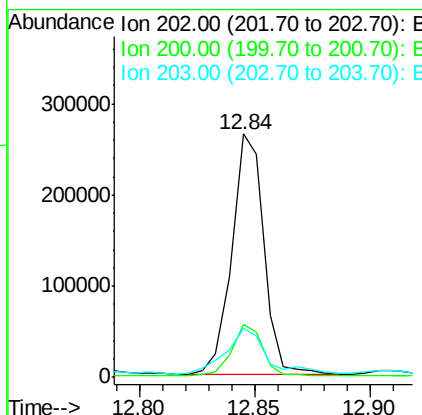
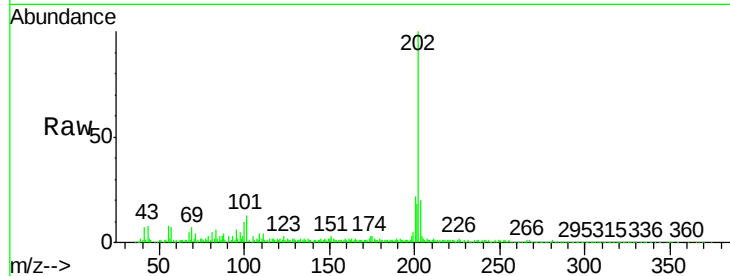
#78
Pvrene
Concen: 4.316 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF118615.D
Acq: 21 Jan 2020 2:26

Instrument :
BNA_F
ClientSampleId :
TSP-02

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.7	20.6	31.0
203	20.4	16.8	25.2

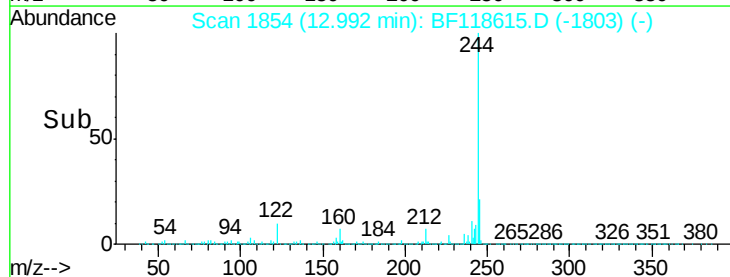
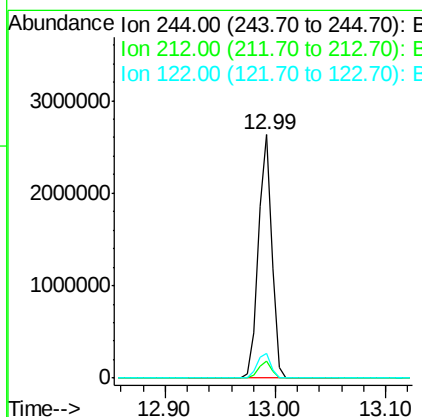
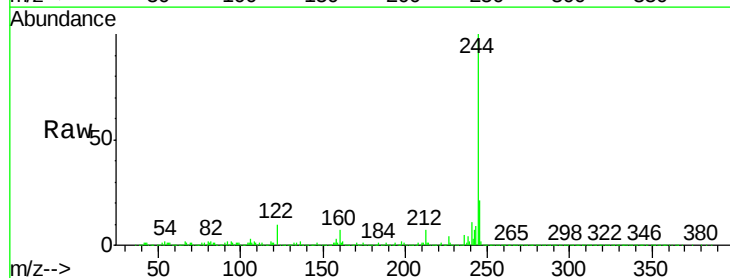
Manual Integrations
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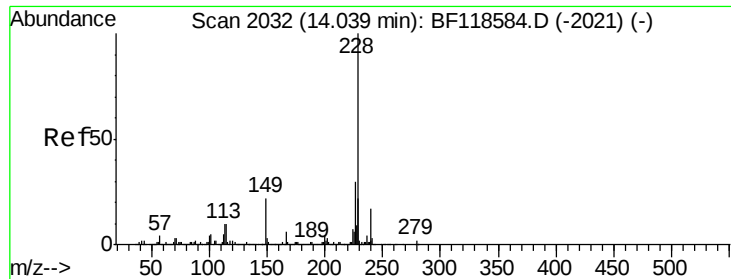
mohammad
1/21/2020 2:26:40 PM



#79
Terphenyl-d14
Concen: 55.718 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BF118615.D
Acq: 21 Jan 2020 2:26

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	7.0	10.4
122	10.1	10.7	16.1#





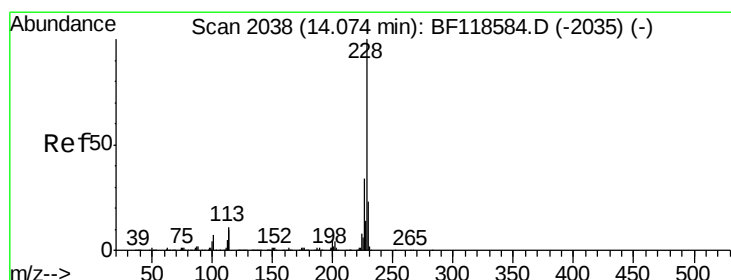
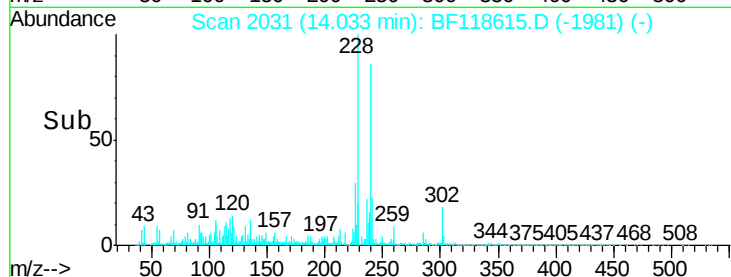
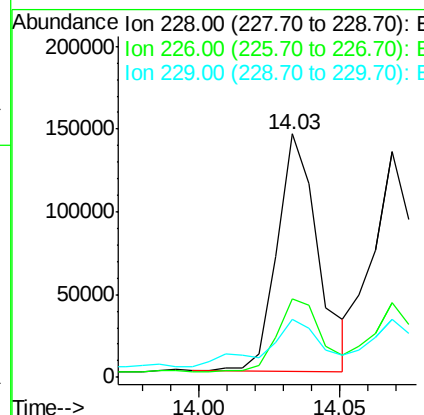
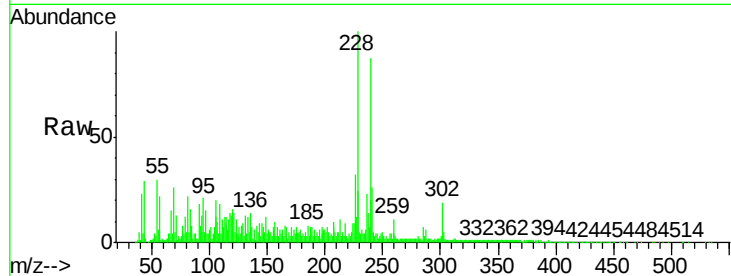
#81
Benzo(a)anthracene
Concen: 2.747 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118615.D
Acq: 21 Jan 2020 2:26

Instrument :
BNA_F
ClientSampleId :
TSP-02

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.1	36.1
229	23.6	17.6	26.4

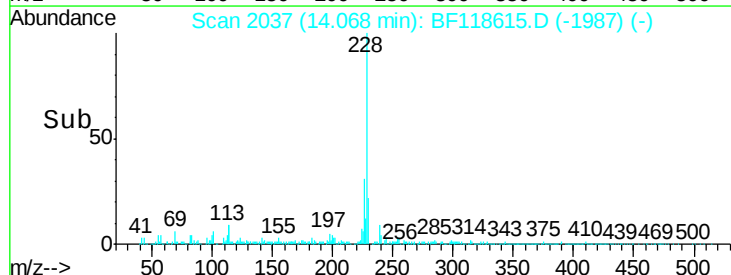
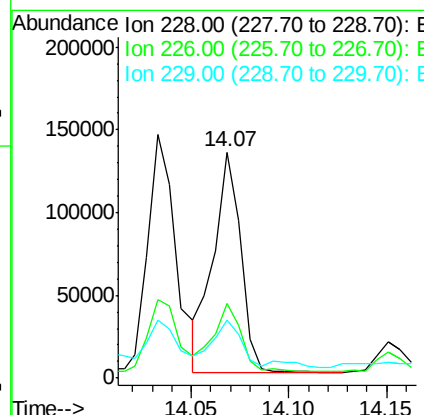
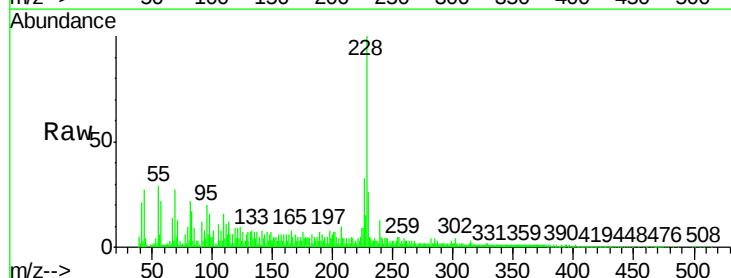
Manual Integrations
APPROVED

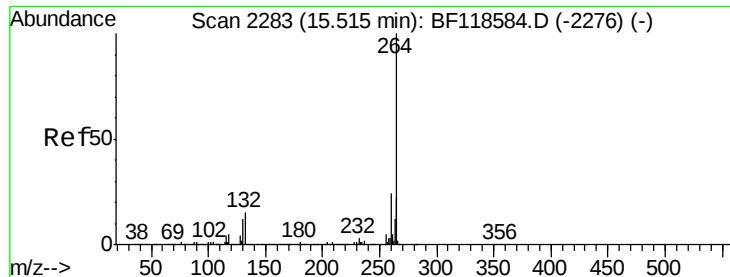
mohammad
1/21/2020 2:26:40 PM



#83
Chrysene
Concen: 2.619 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF118615.D
Acq: 21 Jan 2020 2:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.0	27.4	41.0
229	25.9	18.3	27.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2284

Delta R.T. 0.01 min

Lab File: BF118615.D

Acq: 21 Jan 2020 2:26

Instrument :

BNA_F

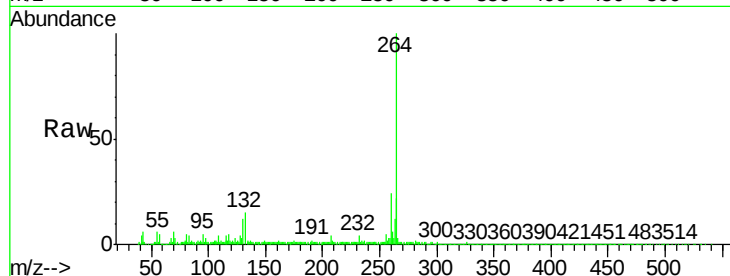
ClientSampleId :

TSP-02

Tot Ion:	264	Resp:	755907
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.6	29.4
265	21.9	17.7	26.5

Manual Integrations
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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

15.52

800000

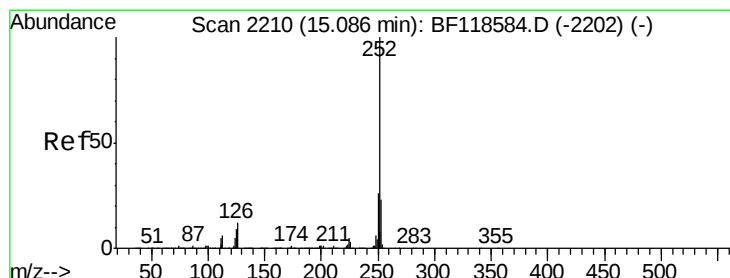
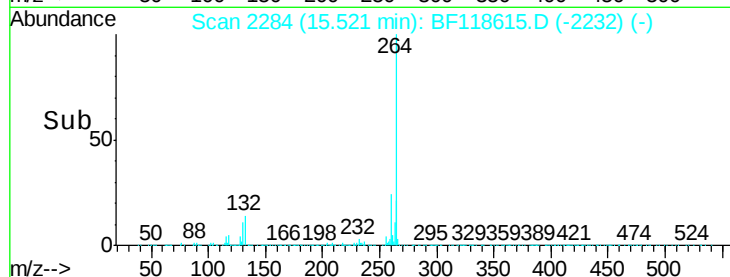
600000

400000

200000

0

Time-->



#88

Benzo(b)fluoranthene

Concen: 3.961 ng m

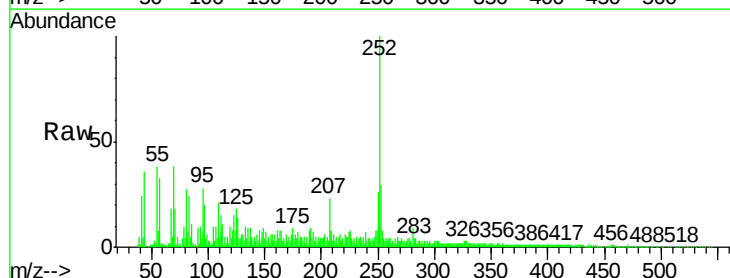
RT: 15.09 min Scan# 2210

Delta R.T. 0.00 min

Lab File: BF118615.D

Acq: 21 Jan 2020 2:26

Tgt Ion:	252	Resp:	188198
Ion Ratio	Lower	Upper	
252	100		
253	29.8	18.7	28.1#
125	17.8	7.3	10.9#



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

15.09

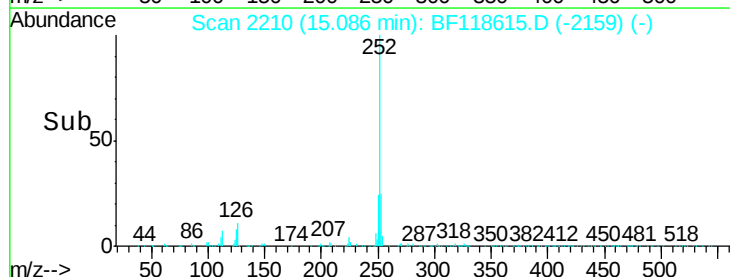
150000

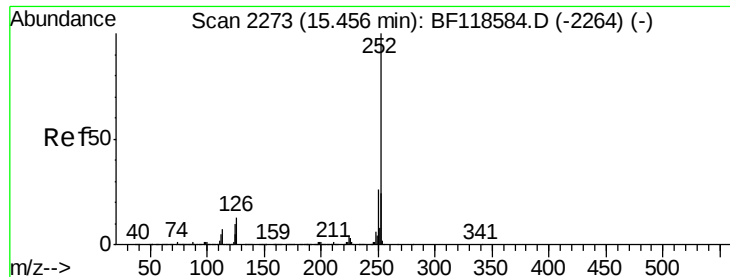
100000

50000

0

Time-->





#90

Benzo(a)pyrene

Concen: 3.085 ng

RT: 15.46 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BF118615.D

Acq: 21 Jan 2020 2:26

Instrument :

BNA_F

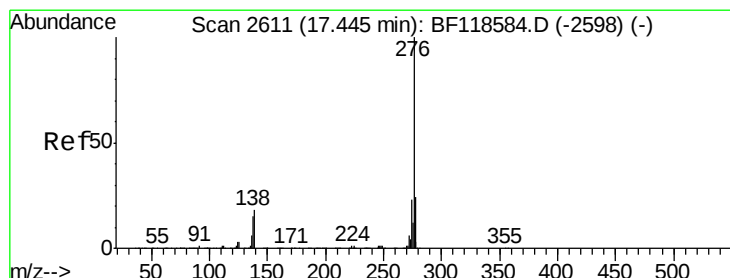
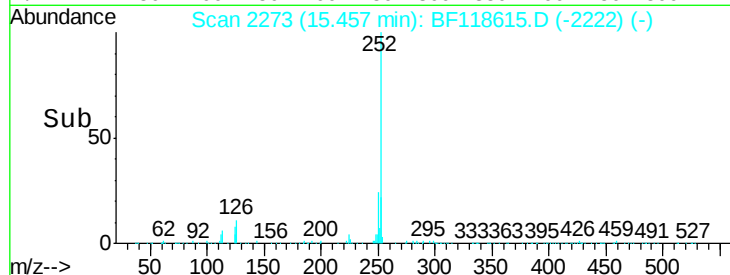
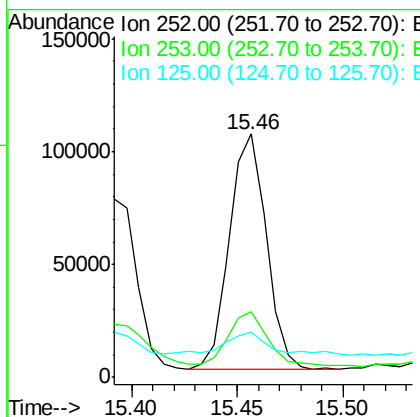
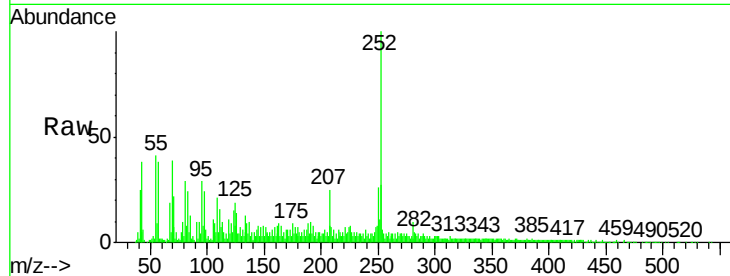
ClientSampleId :

TSP-02

Tot Ion:	252	Resp:	126446
Ion Ratio	Lower	Upper	
252	100		
253	26.9	18.8	28.2
125	18.7	7.8	11.6#

Manual Integrations
APPROVED

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#92

Benzo(g,h,i)perylene

Concen: 2.365 ng

RT: 17.44 min Scan# 2610

Delta R.T. -0.01 min

Lab File: BF118615.D

Acq: 21 Jan 2020 2:26

Tgt Ion:	276	Resp:	83262
Ion Ratio	Lower	Upper	
276	100		
277	29.0	18.9	28.3#
138	21.6	14.4	21.6#

