

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
 Data File : BF121088.D
 Acq On : 29 Jul 2020 00:59
 Operator : JU/CG
 Sample : L3430-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS1

Manual Integrations
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mohammad
 7/29/2020 11:47:53 AM

Quant Time: Jul 29 04:23:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	177213	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	669067	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	369856	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	718287	20.00	ng	0.00
76) Chrysene-d12	13.97	240	591716	20.00	ng	0.00
86) Perylene-d12	15.43	264	501159	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	966300	89.39	ng	0.02
7) Phenol-d6	6.45	99	1166430	83.53	ng	0.00
23) Nitrobenzene-d5	7.37	82	733295	63.42	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	394568	97.46	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1432056	57.81	ng	0.00
79) Terphenyl-d14	12.92	244	1526394	56.08	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	211875	7.941	ng	99
71) Phenanthrene	11.36	178	92231	2.497	ng	99
75) Fluoranthene	12.54	202	210866	5.150	ng	98
78) Pyrene	12.77	202	213927	5.114	ng	98
81) Benzo(a)anthracene	13.96	228	96751	2.700	ng	97
83) Chrysene	14.00	228	106786	2.836	ng	98
88) Benzo(b)fluoranthene	15.00	252	122942m	4.058	ng	
90) Benzo(a)pyrene	15.36	252	81831	2.961	ng	# 91

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

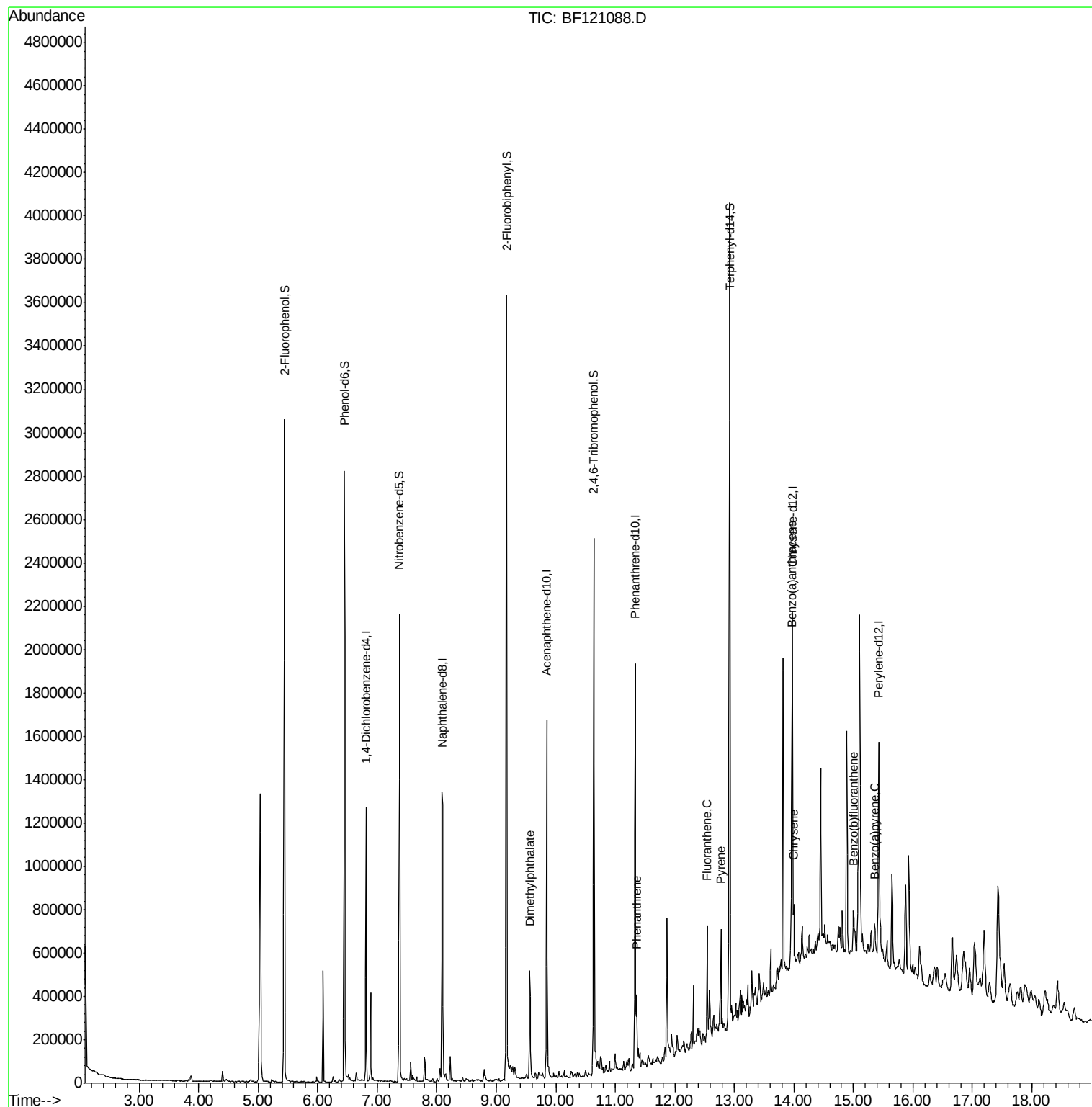
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121088.D
Acq On : 29 Jul 2020 00:59
Operator : JU/CG
Sample : L3430-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

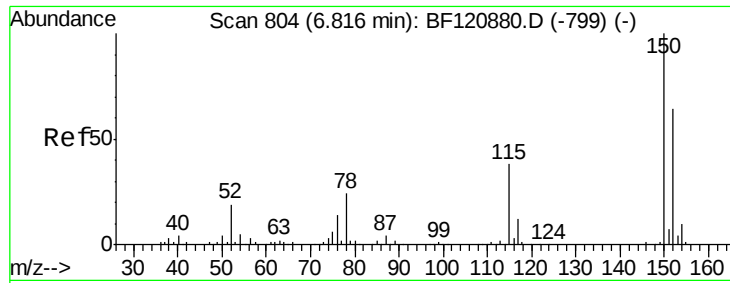
Instrument :
BNA_F
ClientSampleId :
TS1

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Quant Time: Jul 29 04:23:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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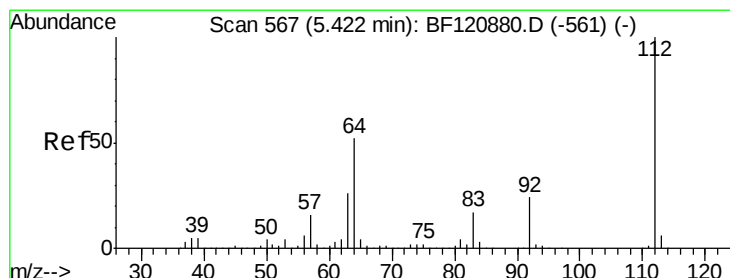
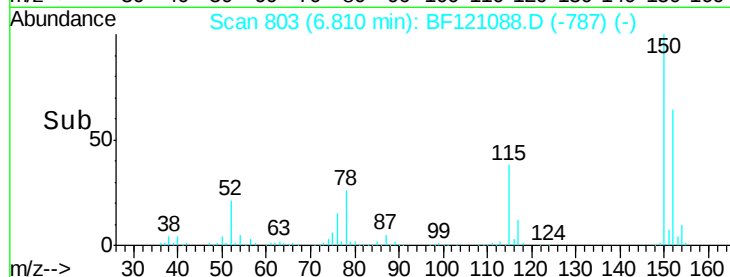
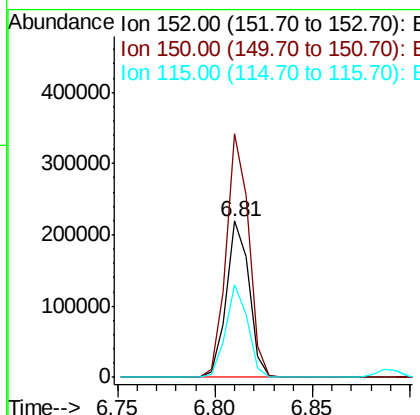
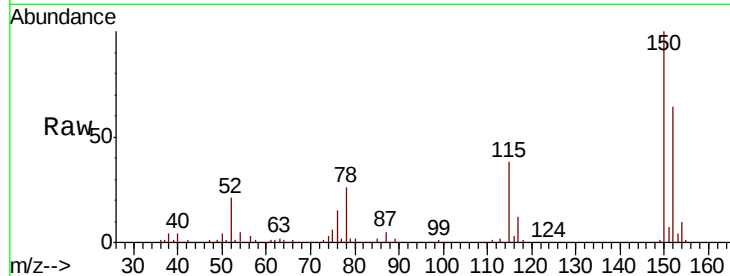
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF121088.D
 Acq: 29 Jul 2020 00:59

Instrument :
 BNA_F
 ClientSampled :
 TS1

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.0	187.6
115	59.5	47.0	70.4

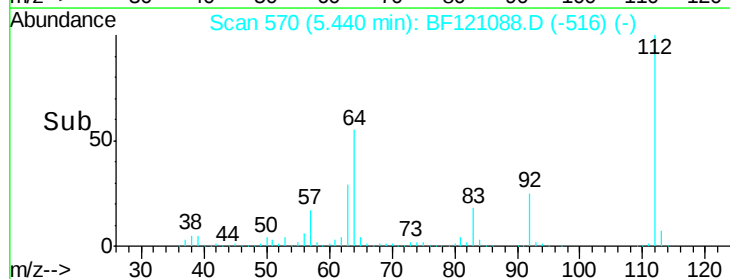
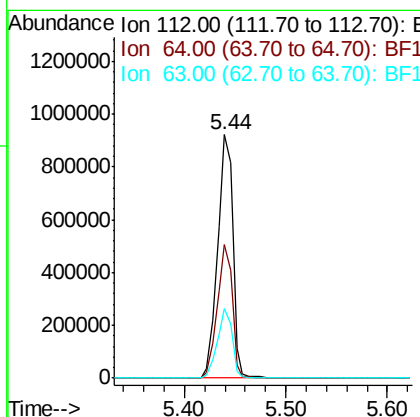
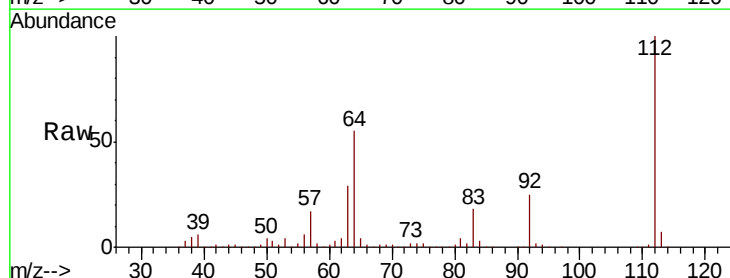
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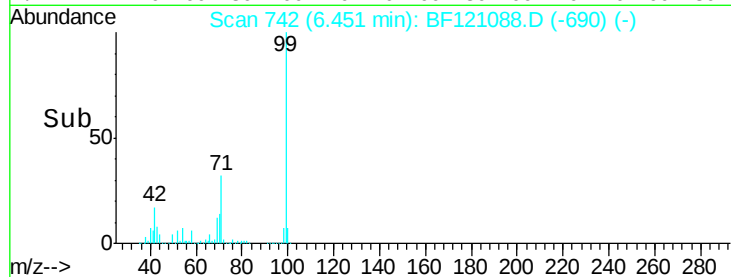
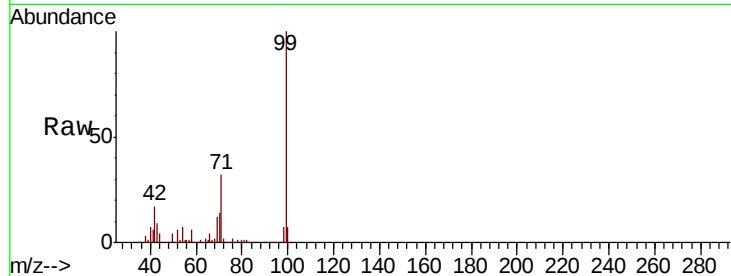
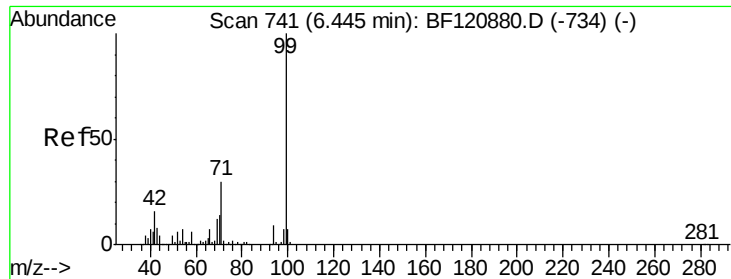
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#5
 2-Fluorophenol
 Concen: 89.390 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.02 min
 Lab File: BF121088.D
 Acq: 29 Jul 2020 00:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	41.3	61.9
63	28.6	21.1	31.7





#7

Phenol-d6

Concen: 83.533 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF121088.D

Acq: 29 Jul 2020 00:59

Tot Ion:	99	Resp:	1166430
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.1	19.7
71	31.9	24.2	36.4

Instrument :

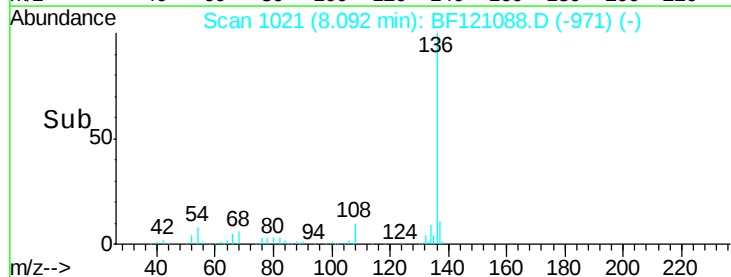
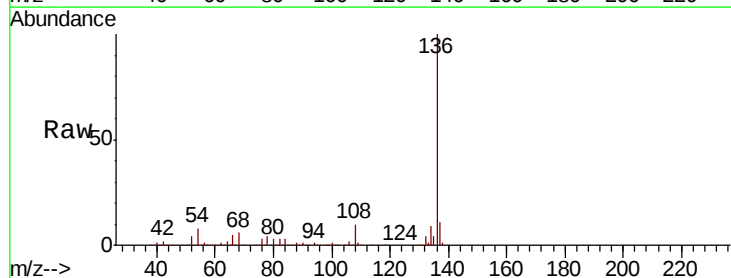
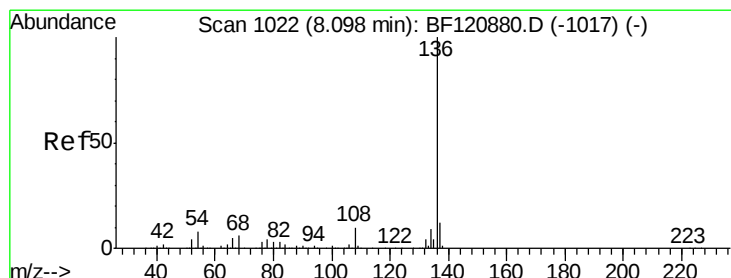
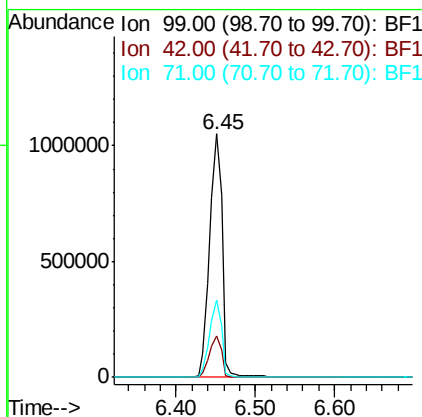
BNA_F

ClientSampled :

TS1

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#21

Naphthalene-d8

Concen: 20.000 ng

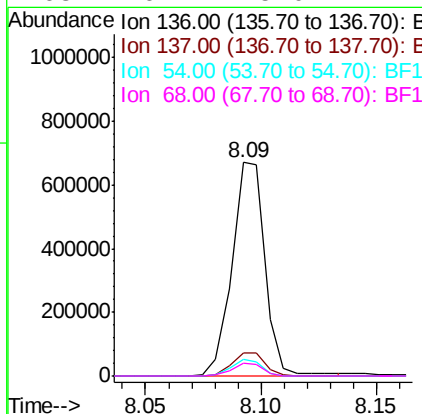
RT: 8.09 min Scan# 1021

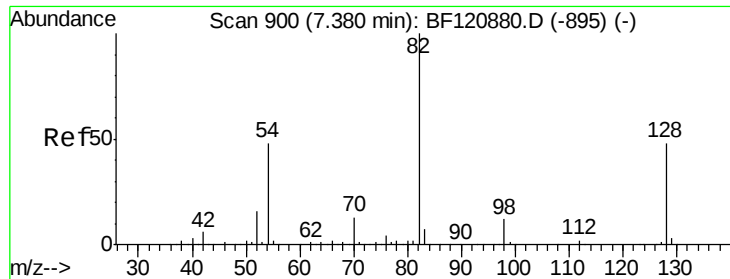
Delta R.T. -0.01 min

Lab File: BF121088.D

Acq: 29 Jul 2020 00:59

Tgt Ion:	136	Resp:	669067
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	8.0	6.3	9.5
68	6.2	5.0	7.4





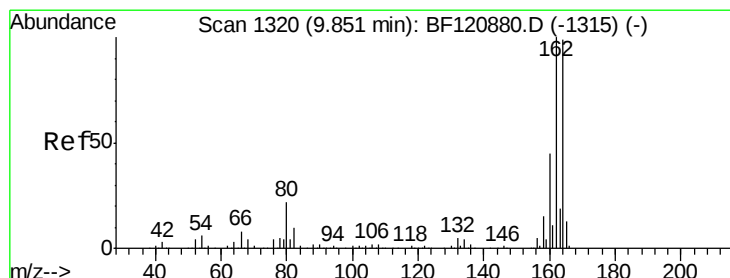
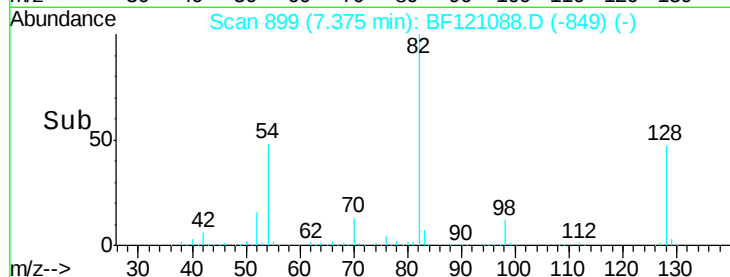
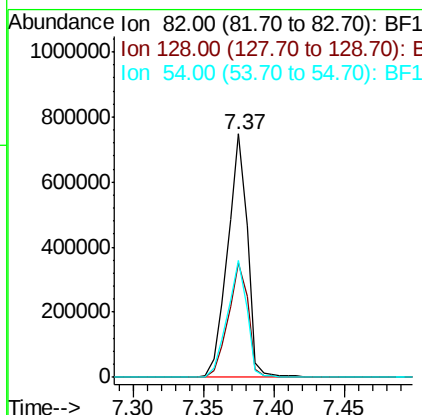
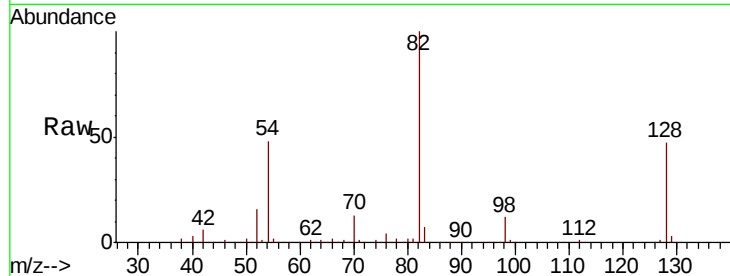
#23
Nitrobenzene-d5
Concen: 63.418 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121088.D
Acq: 29 Jul 2020 00:59

Instrument :
BNA_F
ClientSampled :
TS1

Tot Ion	Ratio	Resp	Lower	Upper
82	100	733295		
128	46.7		38.2	57.4
54	48.0		38.7	58.1

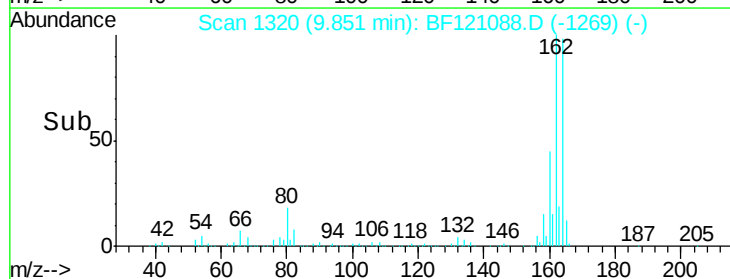
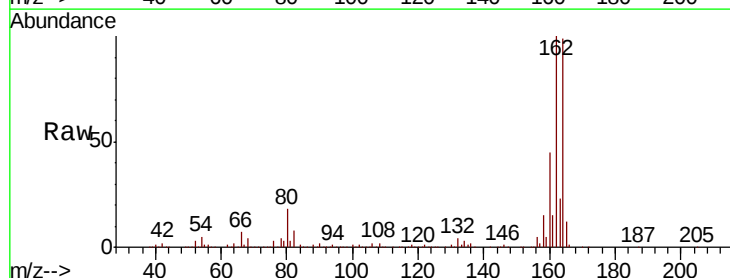
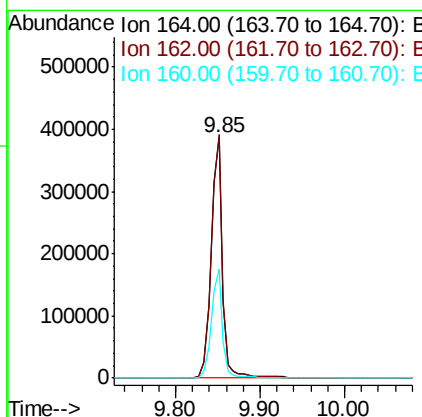
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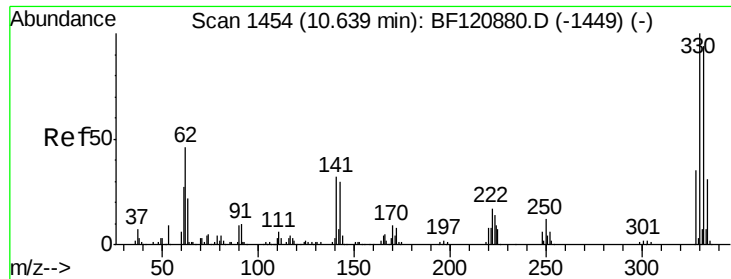
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF121088.D
Acq: 29 Jul 2020 00:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	369856		
162	101.2		81.2	121.8
160	45.1		36.9	55.3





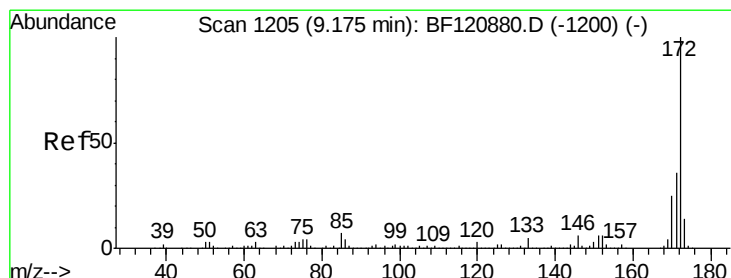
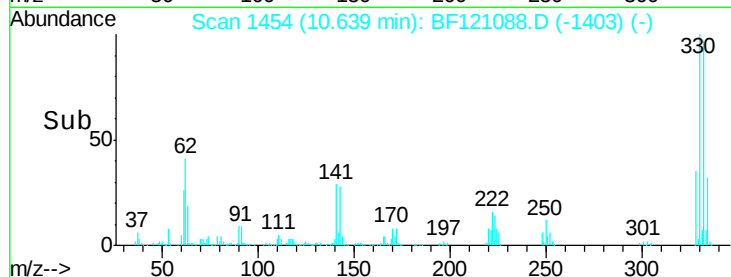
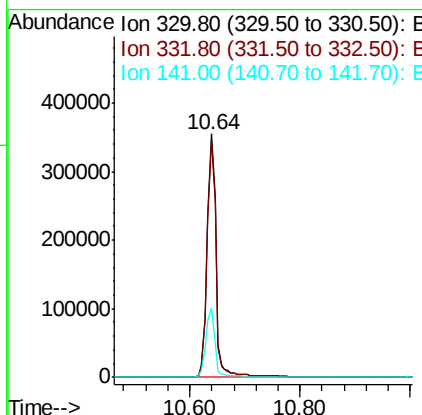
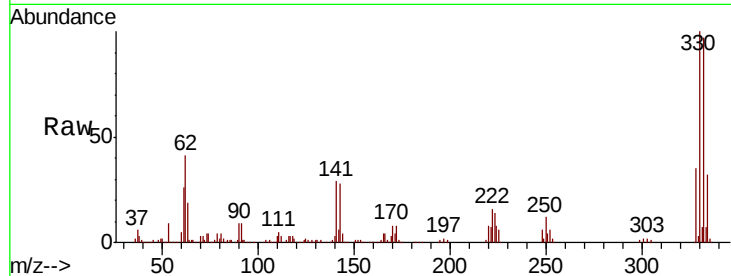
#42
 2,4,6-Tribromophenol
 Concen: 97.462 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF121088.D
 Acq: 29 Jul 2020 00:59

Instrument :
 BNA_F
 ClientSampled :
 TS1

Tot Ion	Ratio	Resp	Lower	Upper
330	100	394568		
332	96.9	75.5	113.3	
141	29.5	25.7	38.5	

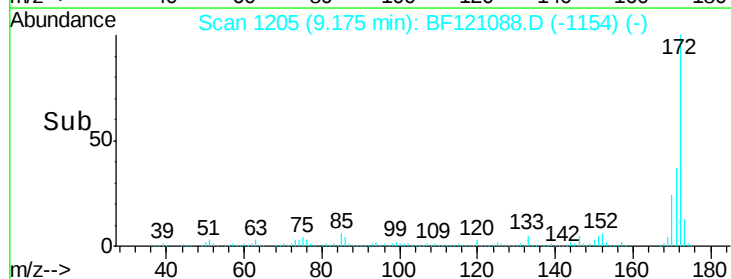
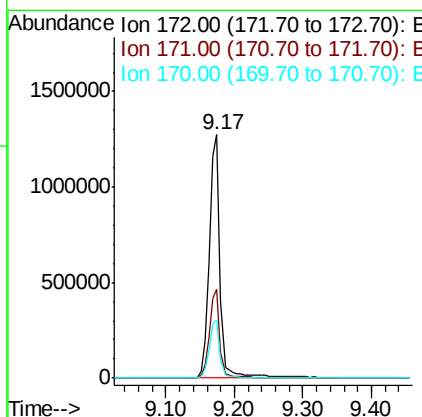
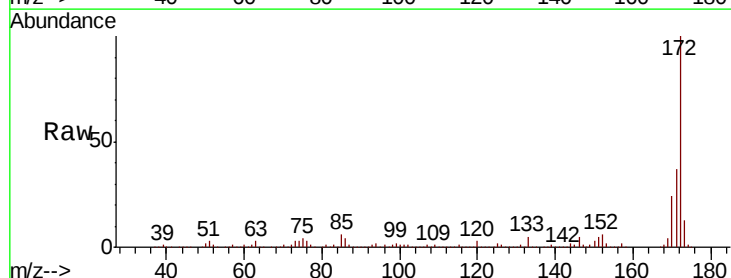
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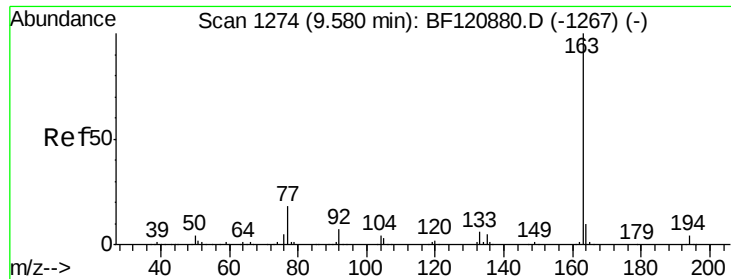
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#45
 2-Fluorobiphenyl
 Concen: 57.810 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF121088.D
 Acq: 29 Jul 2020 00:59

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1432056		
171	36.6	29.0	43.4	
170	24.0	19.6	29.4	





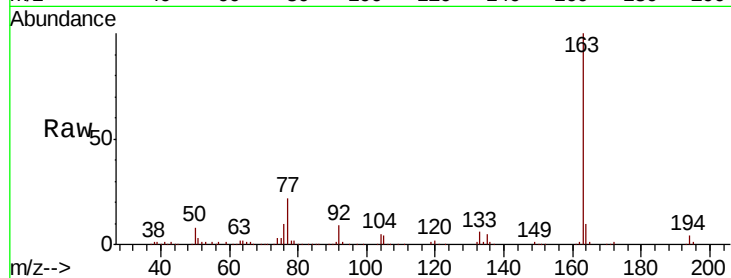
#50
Dimethylphthalate
Concen: 7.941 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF121088.D
Acq: 29 Jul 2020 00:59

Instrument :
BNA_F
ClientSampleId :
TS1

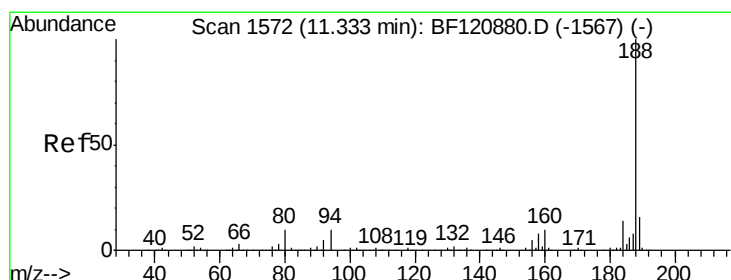
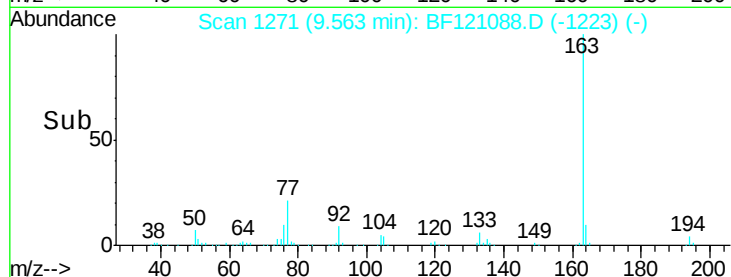
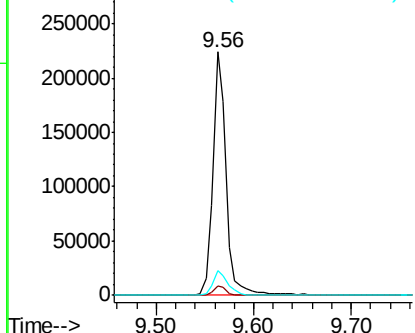
Tot Ion	Ratio	Resp	Lower	Upper
163	100	211875		
194	3.6		3.2	4.8
164	10.1		7.9	11.9

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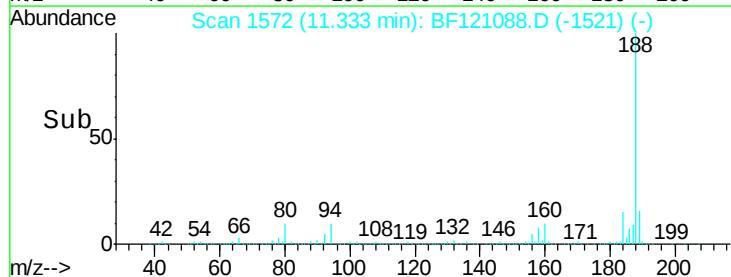
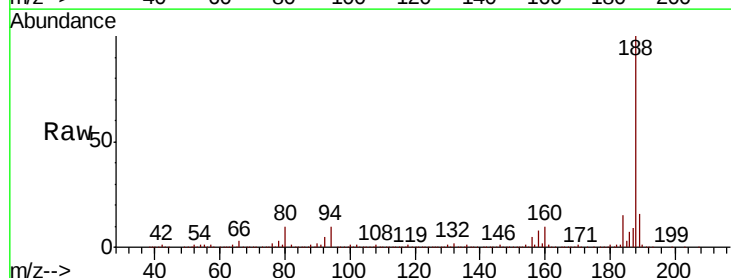
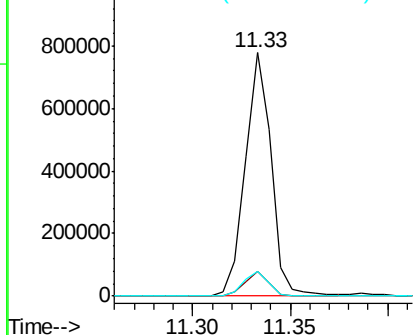
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Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

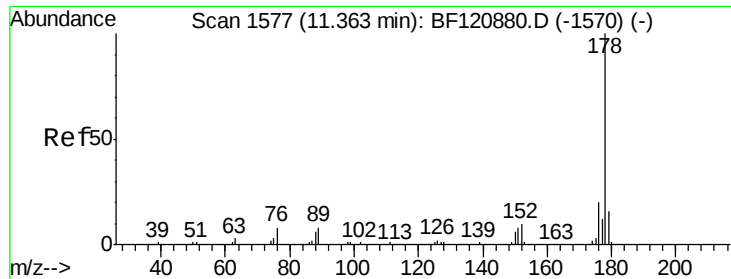


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF121088.D
Acq: 29 Jul 2020 00:59

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	718287		
94	9.9		8.0	12.0
80	10.1		8.3	12.5

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





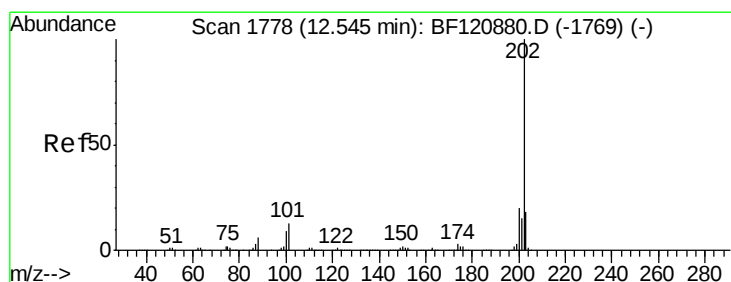
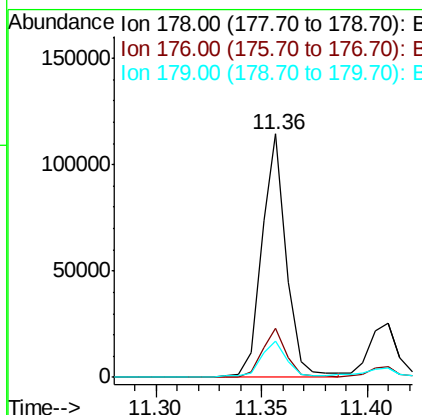
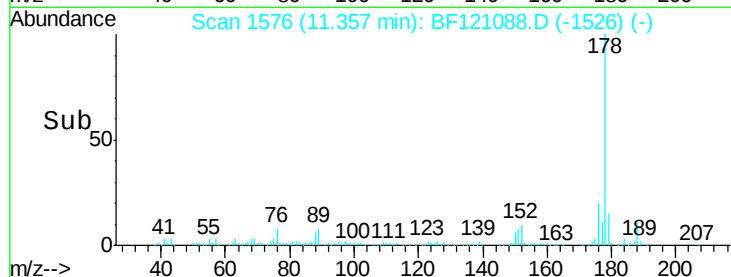
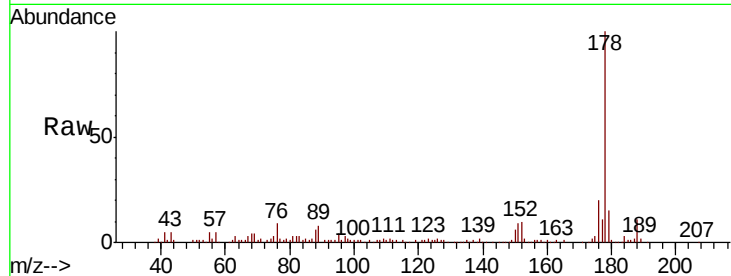
#71
Phenanthrene
Concen: 2.497 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF121088.D
Acq: 29 Jul 2020 00:59

Instrument :
BNA_F
ClientSampleId :
TS1

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.2	24.4
179	15.1	12.8	19.2

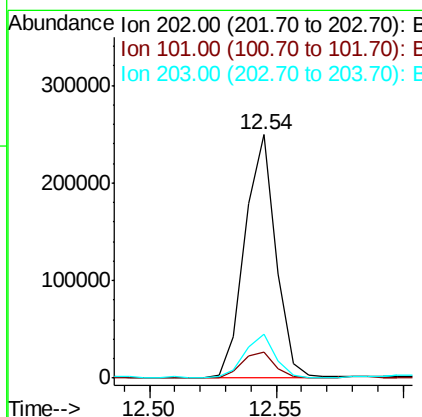
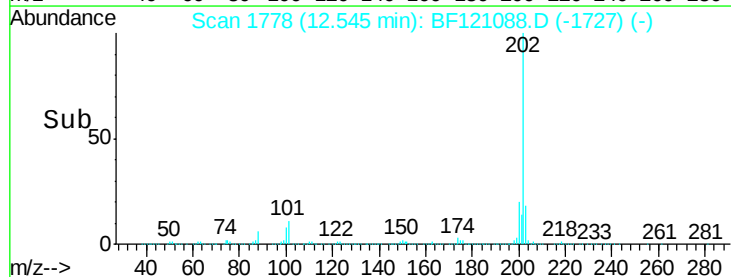
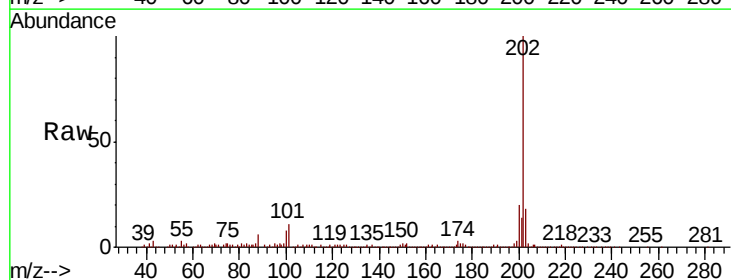
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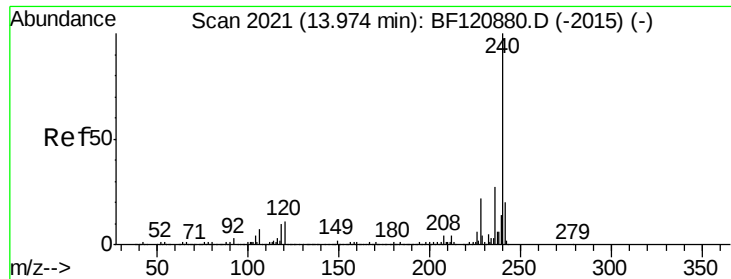
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#75
Fluoranthene
Concen: 5.150 ng
RT: 12.54 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BF121088.D
Acq: 29 Jul 2020 00:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	32.7
203	18.0	0.0	38.0





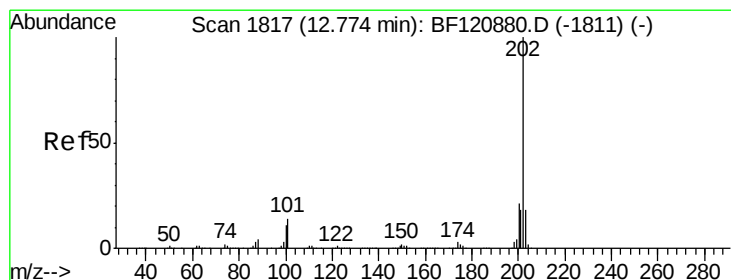
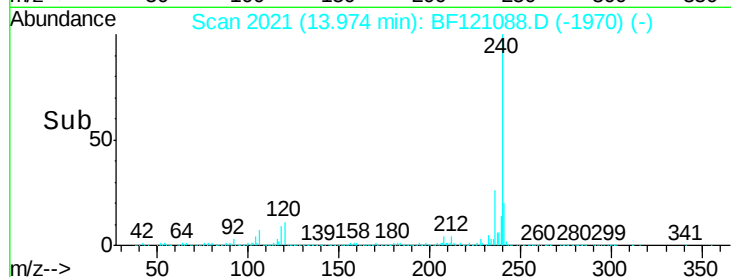
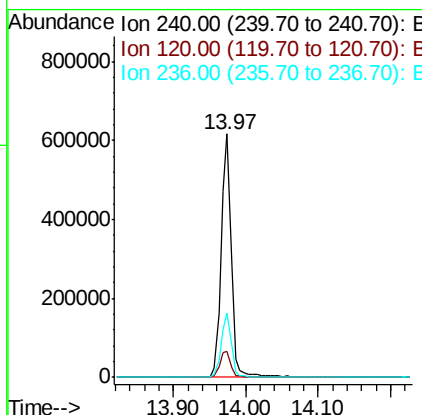
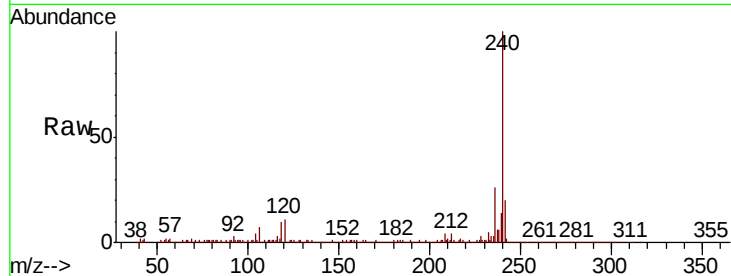
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF121088.D
Acq: 29 Jul 2020 00:59

Instrument :
BNA_F
ClientSampleId :
TS1

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.0	13.4
236	26.3	21.7	32.5

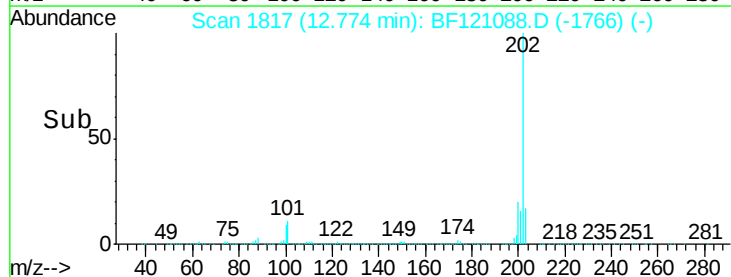
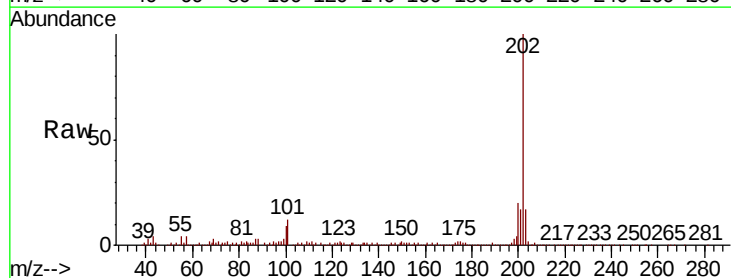
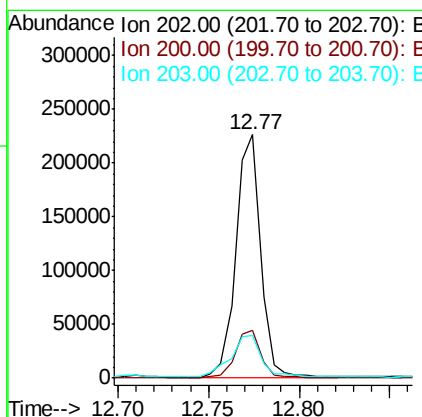
Manual Integrations
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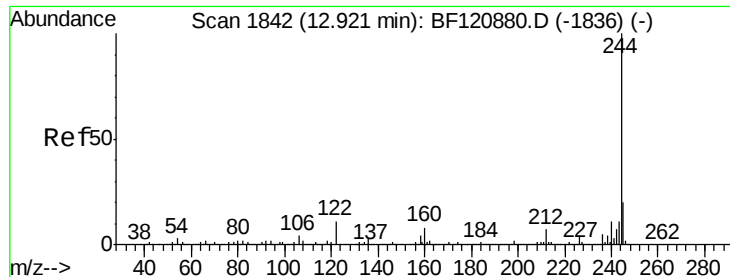
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#78
Pyrene
Concen: 5.114 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF121088.D
Acq: 29 Jul 2020 00:59

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.6	17.0	25.4
203	17.5	14.4	21.6





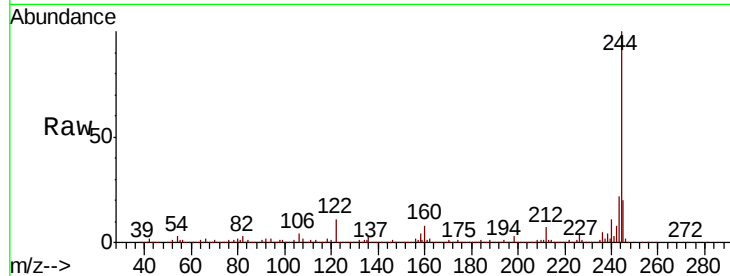
#79
 Terphenyl-d14
 Concen: 56.075 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF121088.D
 Acq: 29 Jul 2020 00:59

Instrument :
 BNA_F
 ClientSampleId :
 TS1

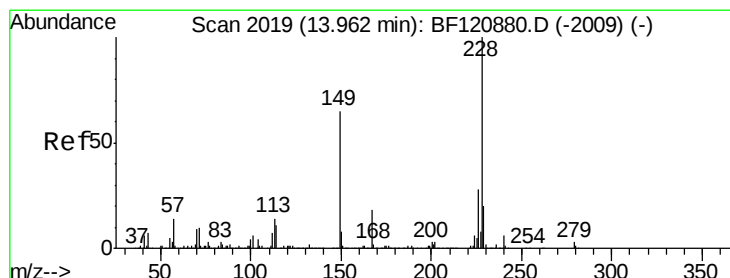
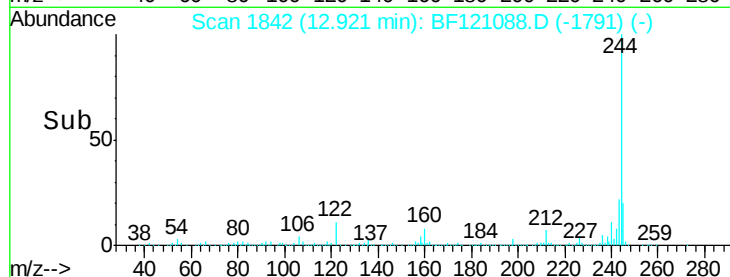
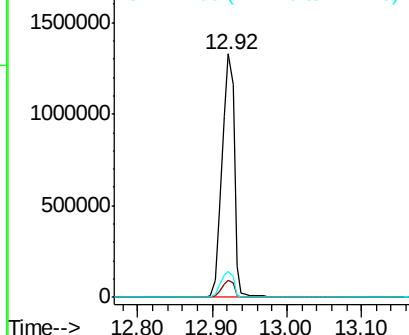
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	10.8	8.9	13.3

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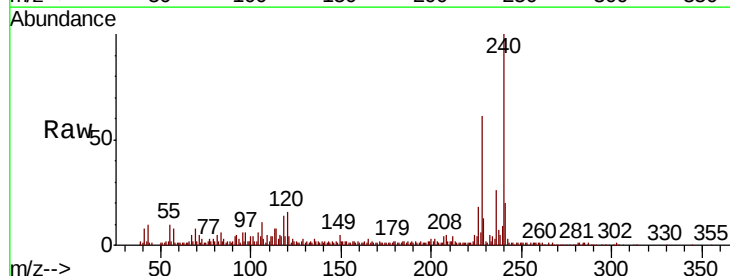


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

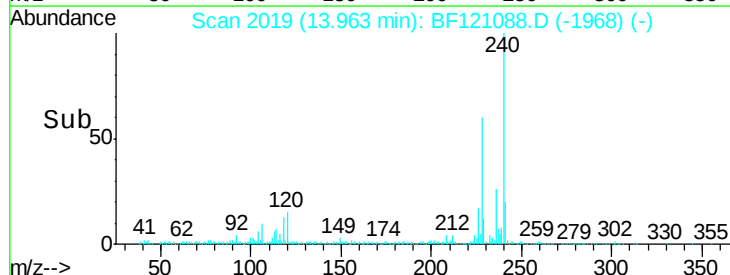
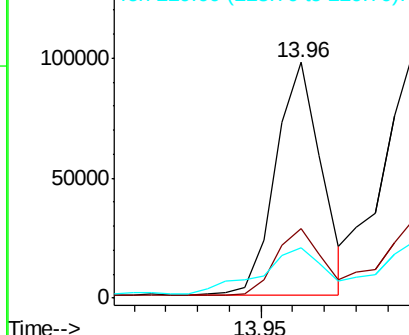


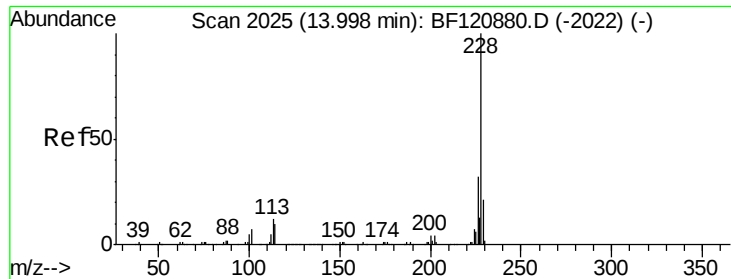
#81
 Benzo(a)anthracene
 Concen: 2.700 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF121088.D
 Acq: 29 Jul 2020 00:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.3	33.5
229	21.6	16.1	24.1



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





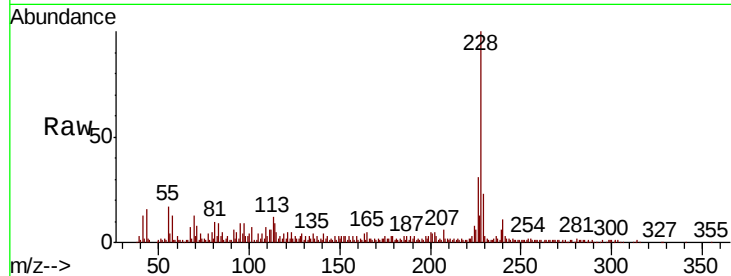
#83
Chrysene
Concen: 2.836 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF121088.D
Acq: 29 Jul 2020 00:59

Instrument :
BNA_F
ClientSampled :
TS1

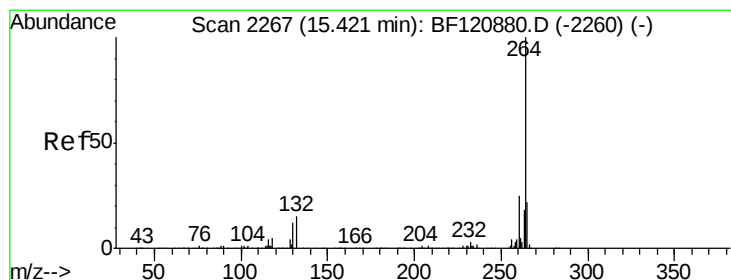
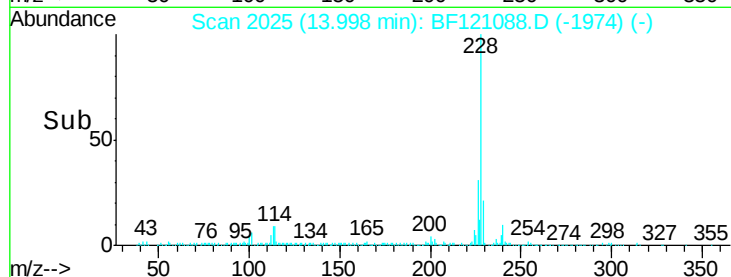
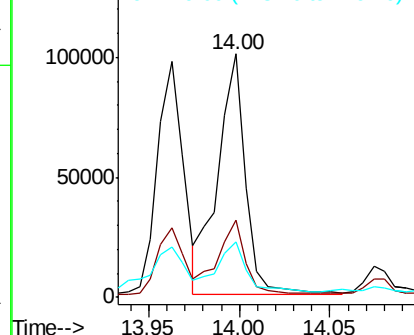
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.6	38.4
229	23.0	16.8	25.2

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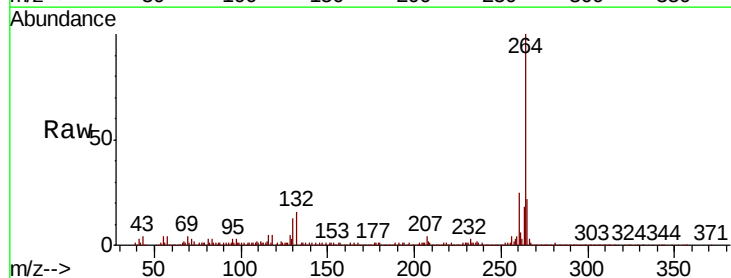


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

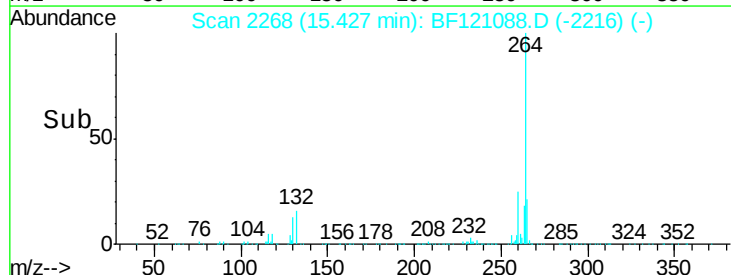
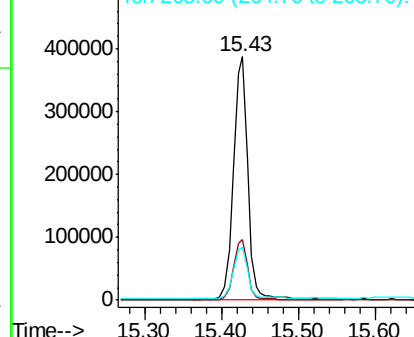


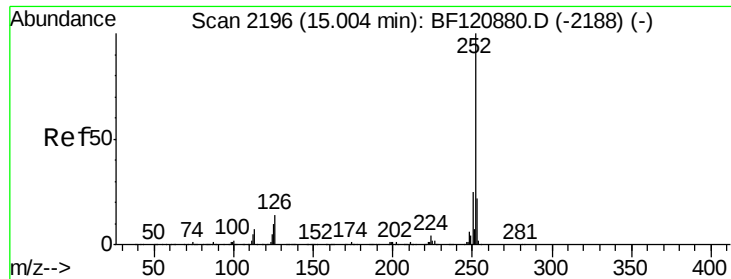
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF121088.D
Acq: 29 Jul 2020 00:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.0	30.0
265	21.8	17.4	26.2



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





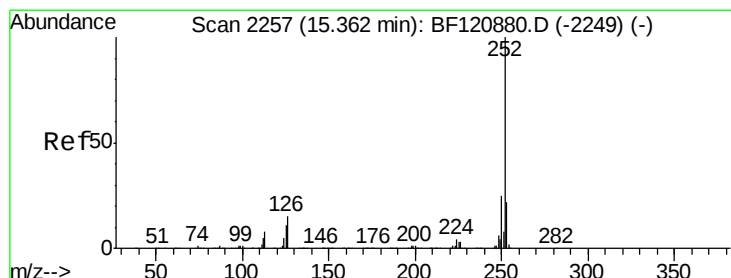
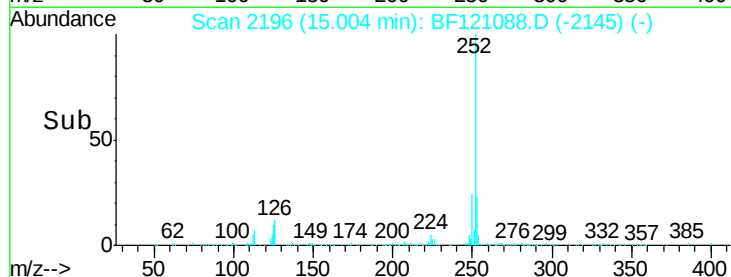
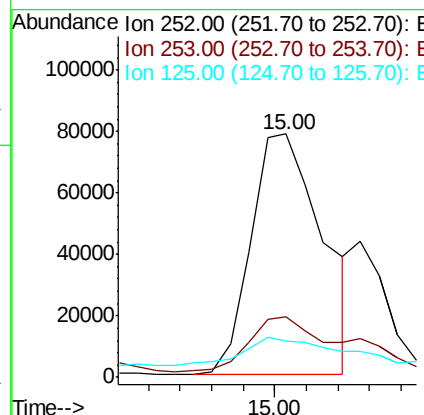
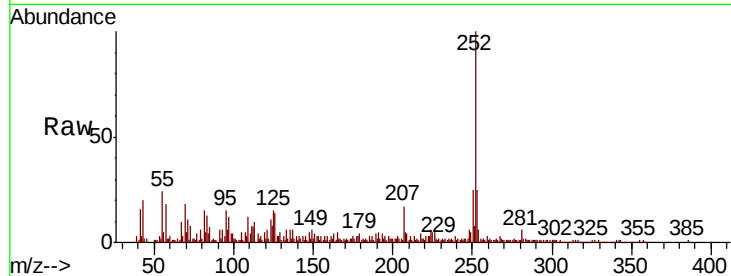
#88
Benzo(b)fluoranthene
Concen: 4.058 ng m
RT: 15.00 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF121088.D
Acq: 29 Jul 2020 00:59

Instrument :
BNA_F
ClientSampleId :
TS1

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.0	27.0
125	14.8	8.3	12.5

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#90
Benzo(a)pyrene
Concen: 2.961 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF121088.D
Acq: 29 Jul 2020 00:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.8	26.8
125	16.1	8.9	13.3

