

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
 Data File : BF121089.D
 Acq On : 29 Jul 2020 1:29
 Operator : JU/CG
 Sample : L3434-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 11986

Manual Integrations
 APPROVED

mohammad
 7/29/2020 11:47:55 AM

Quant Time: Jul 29 04:37:41 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	160037	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	593431	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	332171	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	661556	20.00	ng	0.00
76) Chrysene-d12	13.97	240	530816	20.00	ng	0.00
86) Perylene-d12	15.43	264	464713	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	793286	81.26	ng	0.01
7) Phenol-d6	6.45	99	964157	76.46	ng	0.00
23) Nitrobenzene-d5	7.37	82	604012	58.89	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	321050	88.30	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1217702	54.73	ng	0.00
79) Terphenyl-d14	12.92	244	1336425	54.73	ng	0.00

Target Compounds					Qvalue	
31) Naphthalene	8.12	128	176752	5.807	ng	99
50) Dimethylphthalate	9.56	163	158119	6.598	ng	99
55) Dibenzofuran	10.05	168	72762	2.466	ng	99
71) Phenanthrene	11.36	178	247616	7.278	ng	98
72) Anthracene	11.41	178	83761	2.452	ng	99
75) Fluoranthene	12.54	202	488113	12.943	ng	99
78) Pyrene	12.77	202	475496	12.670	ng	99
81) Benzo(a)anthracene	13.96	228	356656	11.096	ng	96
83) Chrysene	14.00	228	459831	13.613	ng	97
84) Bis(2-ethylhexyl)phthalate	13.96	149	142089	6.888	ng	99
87) Indeno(1,2,3-cd)pyrene	16.85	276	320931	9.930	ng	95
88) Benzo(b)fluoranthene	15.01	252	861127m	30.656	ng	
89) Benzo(k)fluoranthene	15.03	252	275014m	10.735	ng	
90) Benzo(a)pyrene	15.36	252	494503	19.295	ng	99
91) Dibenzo(a,h)anthracene	16.86	278	88637	3.357	ng	# 92
92) Benzo(g,h,i)perylene	17.28	276	288650	11.089	ng	99

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

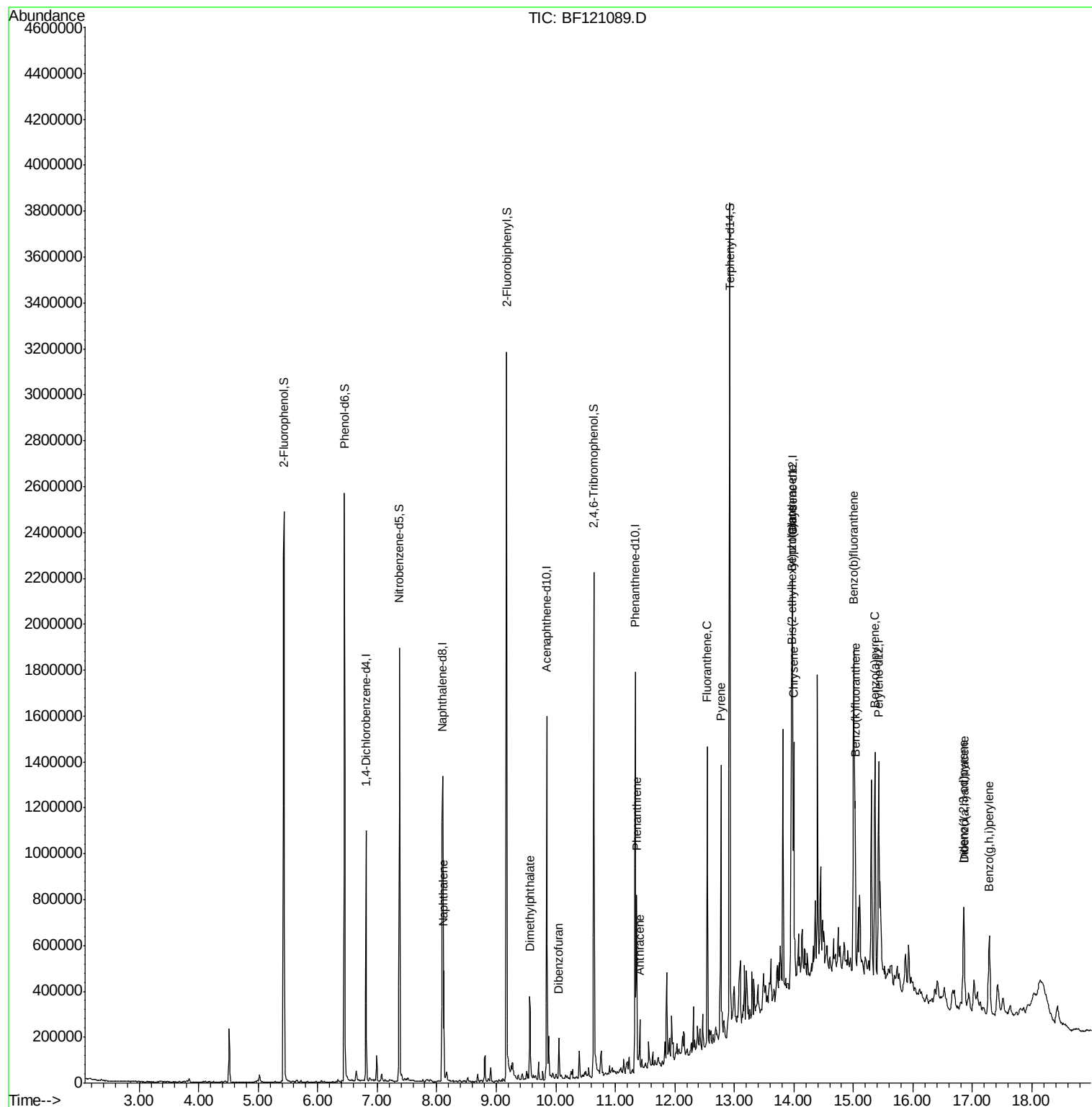
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121089.D
Acq On : 29 Jul 2020 1:29
Operator : JU/CG
Sample : L3434-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

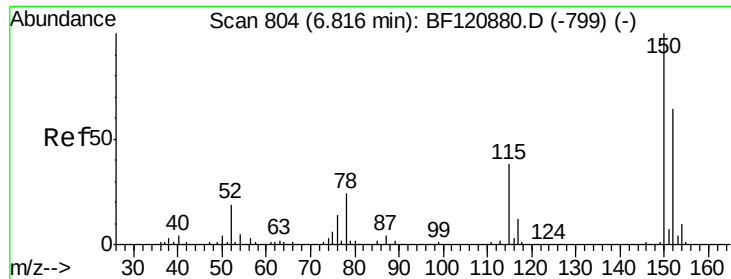
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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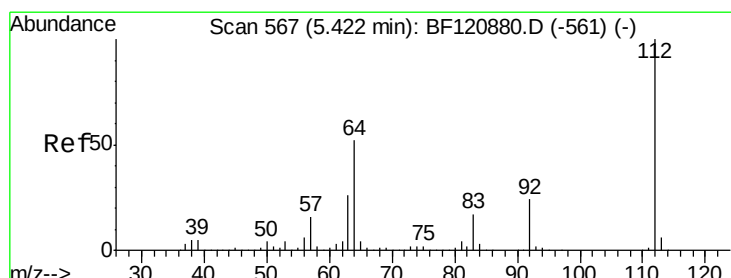
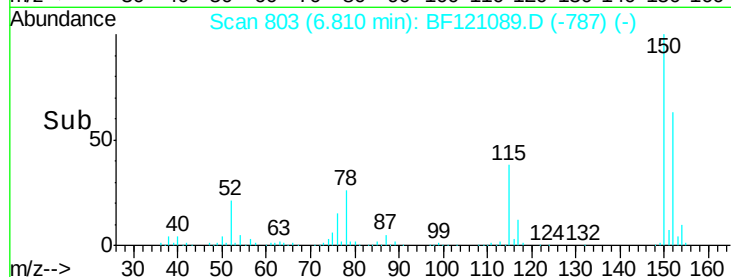
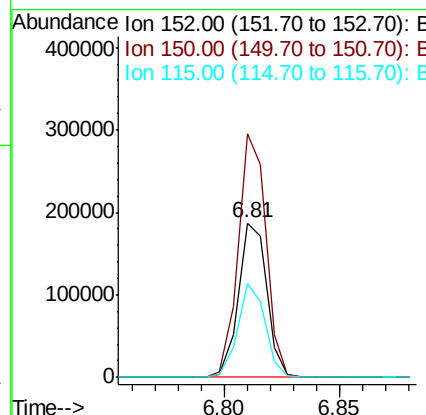
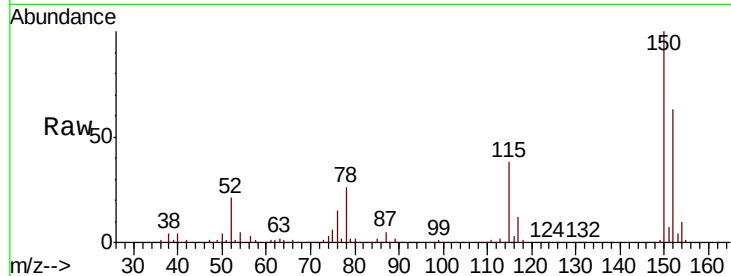
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF121089.D
 Acq: 29 Jul 2020 1:29

Instrument :
 BNA_F
 ClientSampleId :
 11986

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	125.0	187.6
115	60.7	47.0	70.4

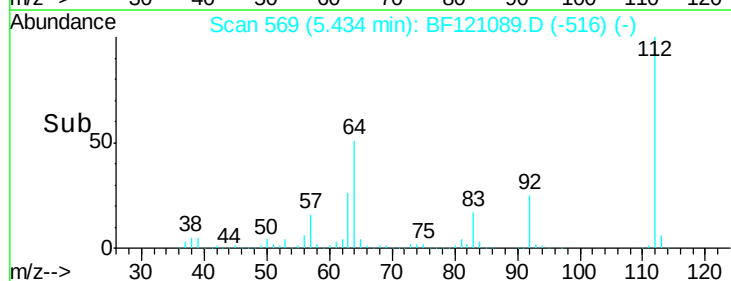
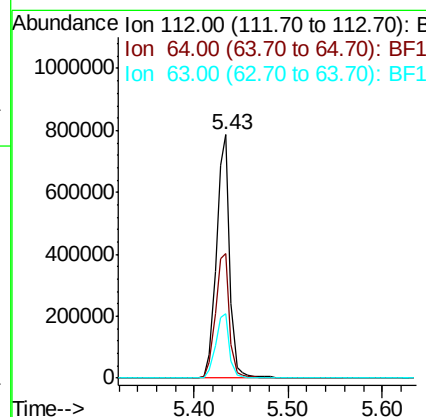
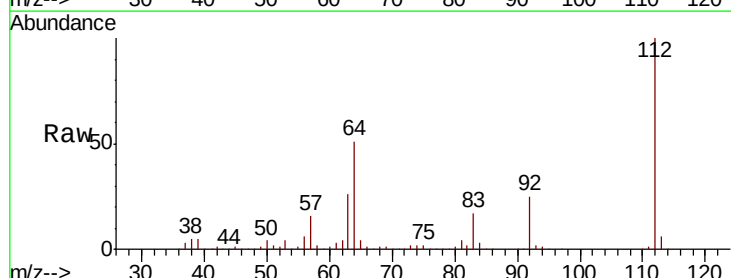
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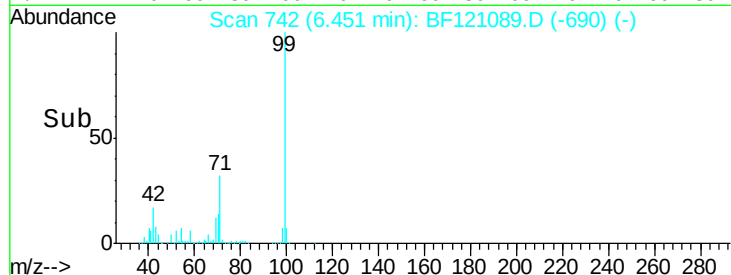
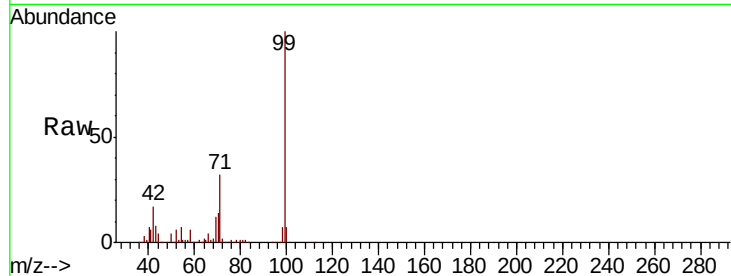
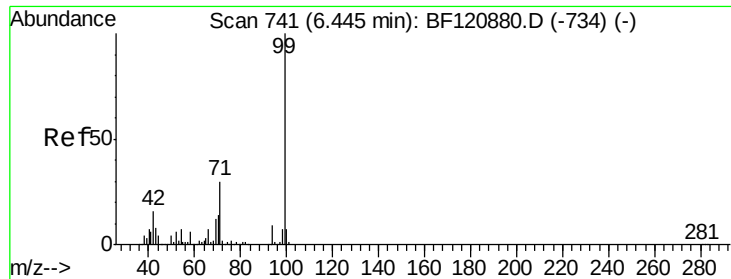
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#5
 2-Fluorophenol
 Concen: 81.261 ng
 RT: 5.43 min Scan# 569
 Delta R.T. 0.01 min
 Lab File: BF121089.D
 Acq: 29 Jul 2020 1:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.2	41.3	61.9
63	26.4	21.1	31.7





#7

Phenol-d6

Concen: 76.458 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF121089.D

Acq: 29 Jul 2020 1:29

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		964157		
42	16.7	13.1	19.7		
71	31.5	24.2	36.4		

Instrument :

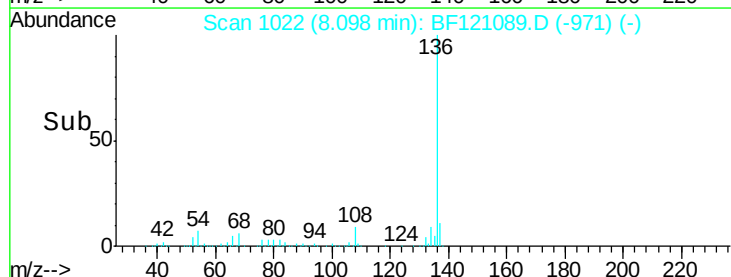
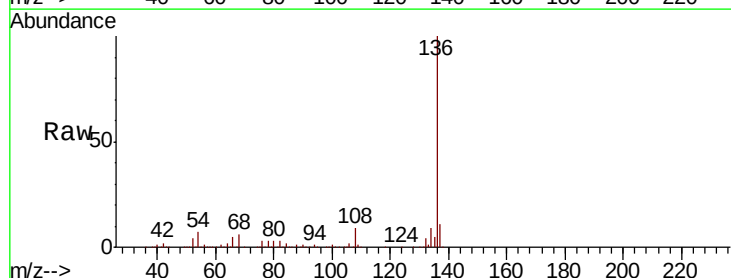
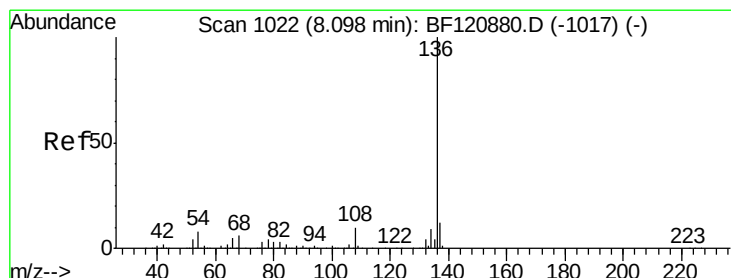
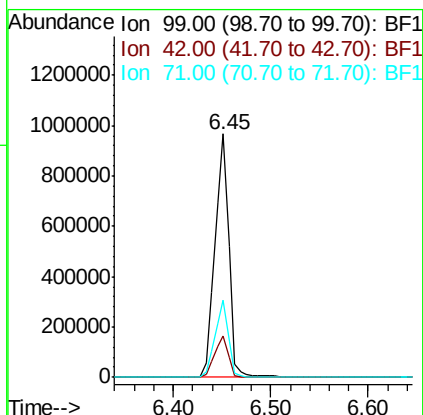
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ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.000 ng

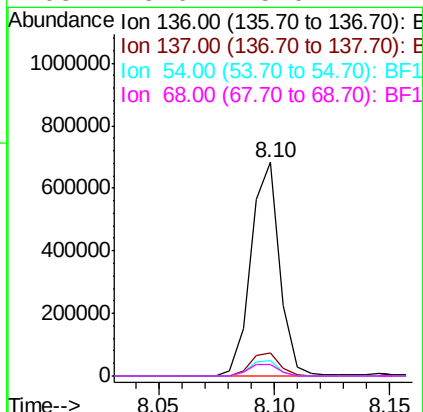
RT: 8.10 min Scan# 1022

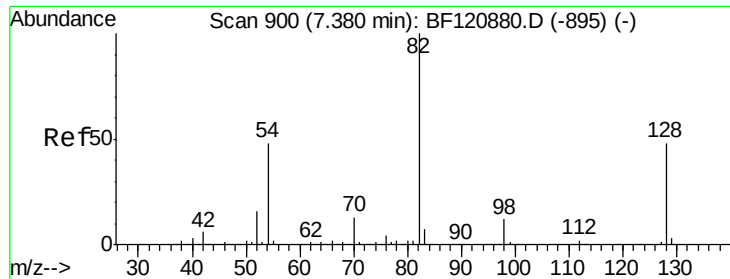
Delta R.T. 0.00 min

Lab File: BF121089.D

Acq: 29 Jul 2020 1:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		593431		
137	11.0	9.3	13.9		
54	6.9	6.3	9.5		
68	5.6	5.0	7.4		





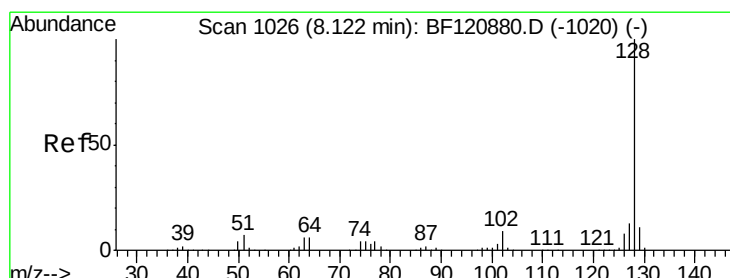
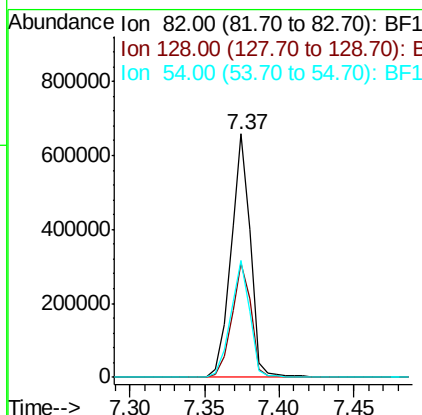
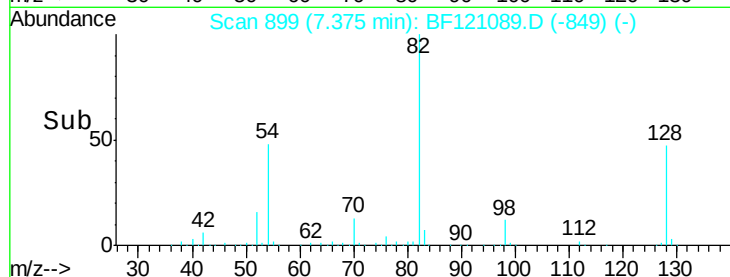
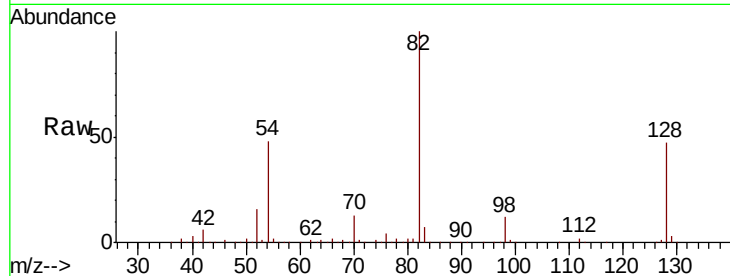
#23
Nitrobenzene-d5
Concen: 58.895 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121089.D
Acq: 29 Jul 2020 1:29

Instrument :
BNA_F
ClientSampled :
11986

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.1	38.2	57.4	
54	47.9	38.7	58.1	

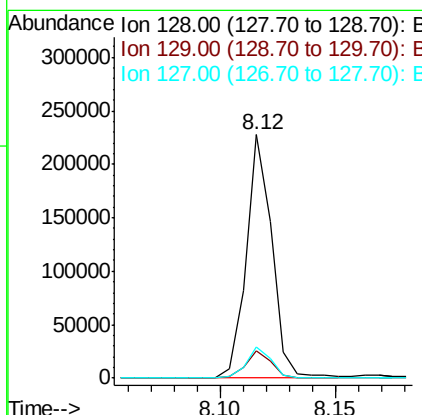
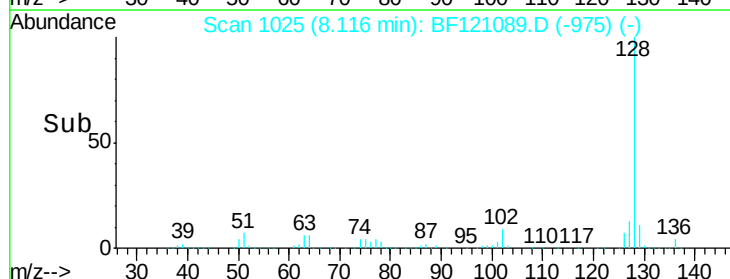
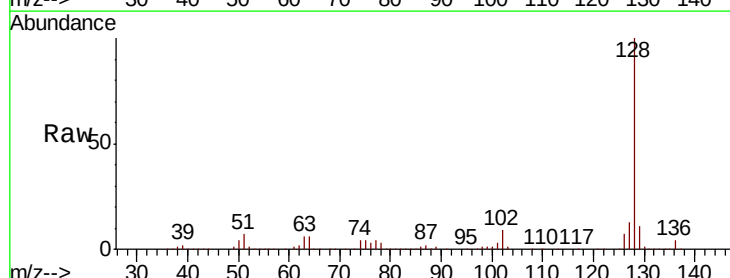
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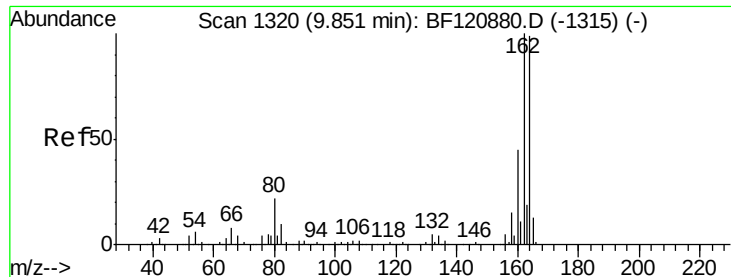
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#31
Naphthalene
Concen: 5.807 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF121089.D
Acq: 29 Jul 2020 1:29

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.2	9.1	13.7	
127	13.0	10.7	16.1	





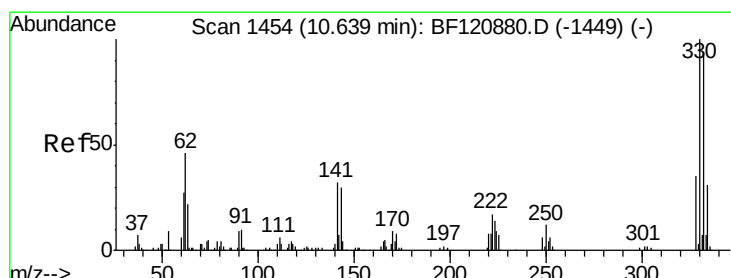
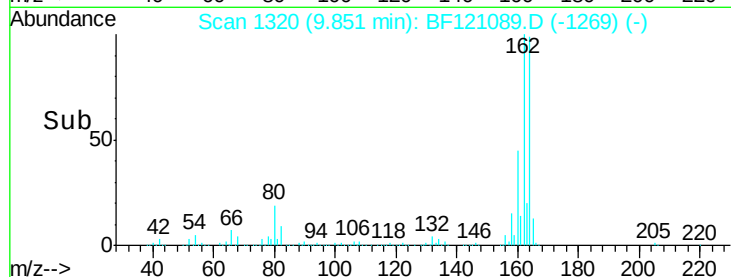
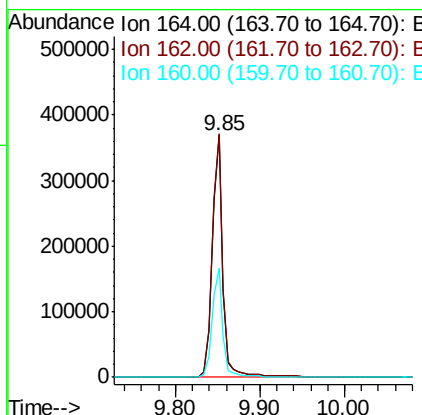
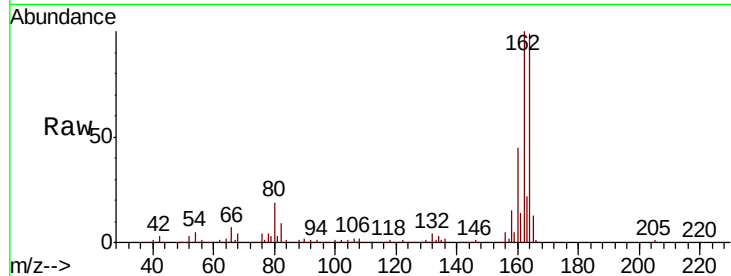
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF121089.D
Acq: 29 Jul 2020 1:29

Instrument :
BNA_F
ClientSampleId :
11986

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.6	81.2	121.8	
160	45.1	36.9	55.3	

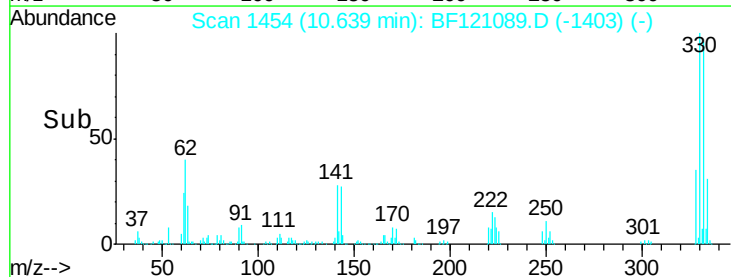
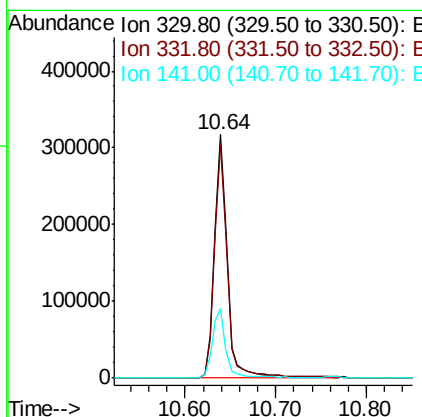
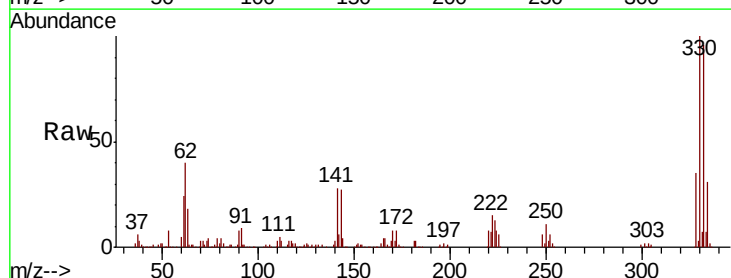
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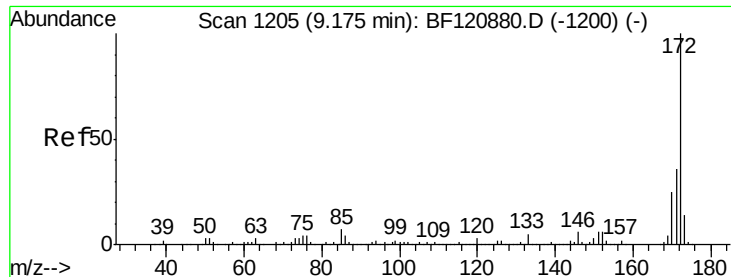
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#42
2,4,6-Tribromophenol
Concen: 88.299 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BF121089.D
Acq: 29 Jul 2020 1:29

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.6	75.5	113.3	
141	30.6	25.7	38.5	





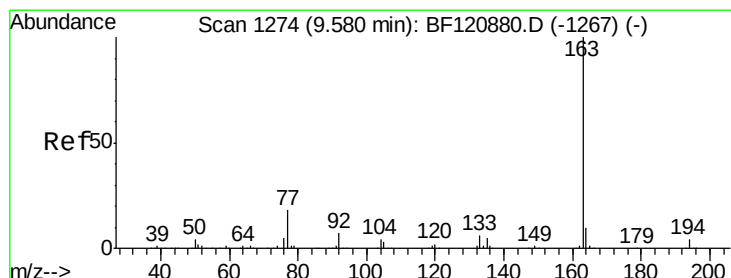
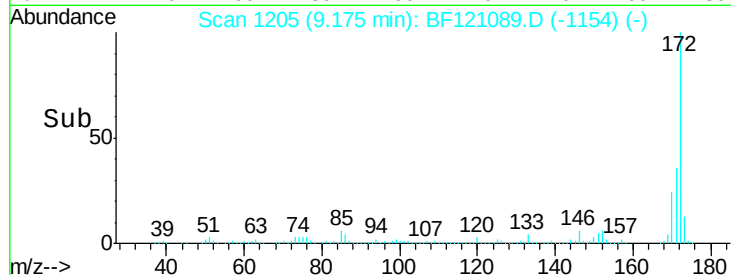
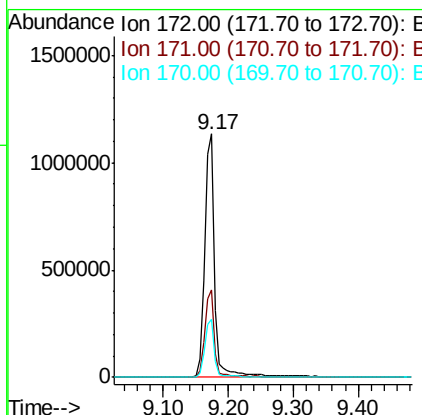
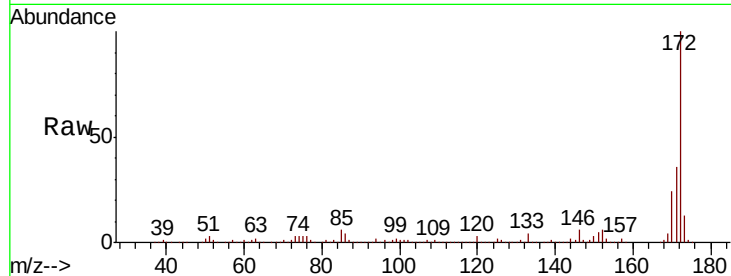
#45
2-Fluorobiphenyl
Concen: 54.733 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF121089.D
Acq: 29 Jul 2020 1:29

Instrument :
BNA_F
ClientSampleId :
11986

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.4
170	24.0	19.6	29.4

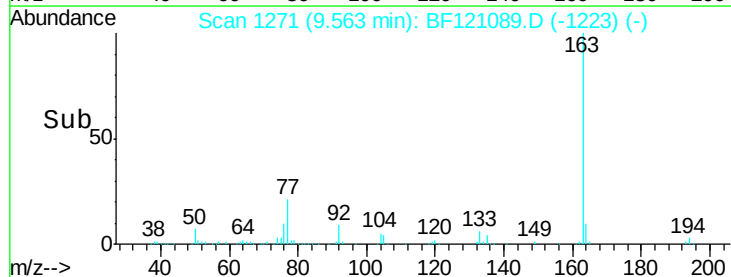
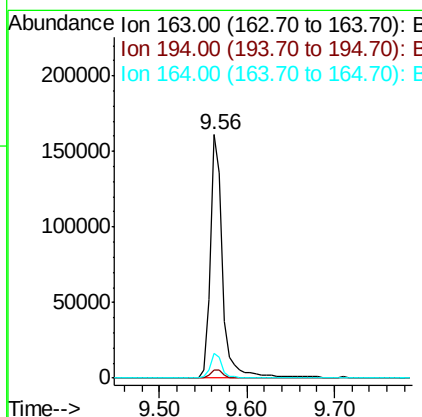
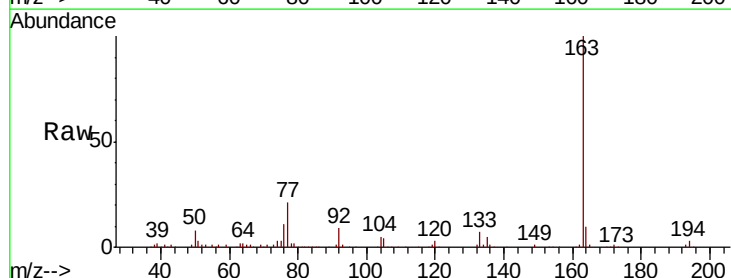
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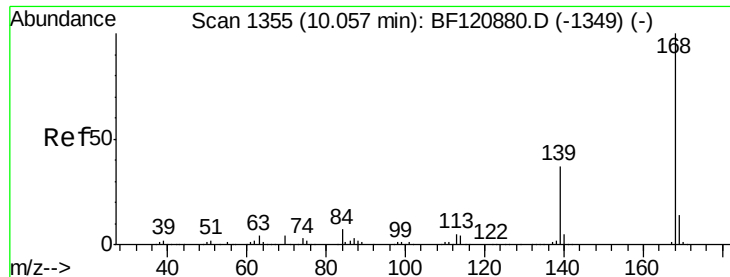
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#50
Dimethylphthalate
Concen: 6.598 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF121089.D
Acq: 29 Jul 2020 1:29

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.2	4.8
164	10.1	7.9	11.9





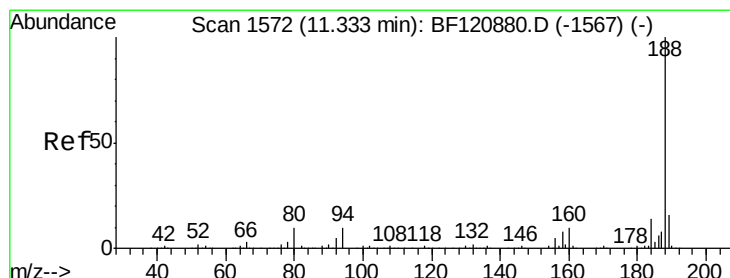
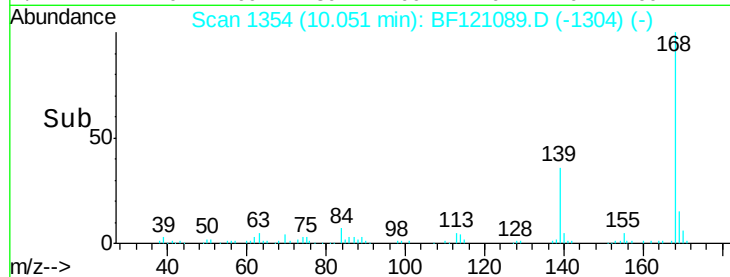
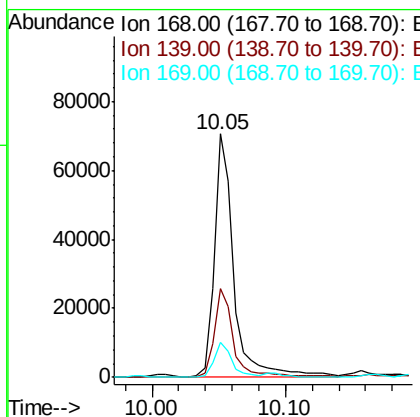
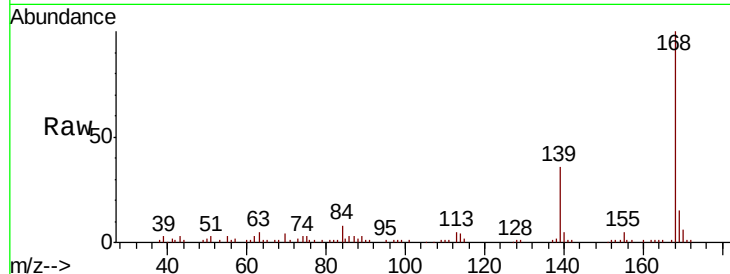
#55
Dibenzofuran
Concen: 2.466 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF121089.D
Acq: 29 Jul 2020 1:29

Instrument :
BNA_F
ClientSampleId :
11986

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.3	29.7	44.5
169	14.6	11.1	16.7

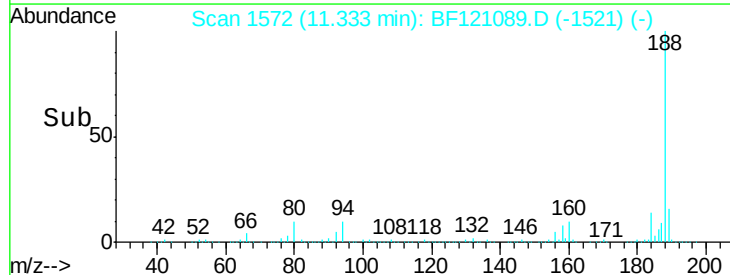
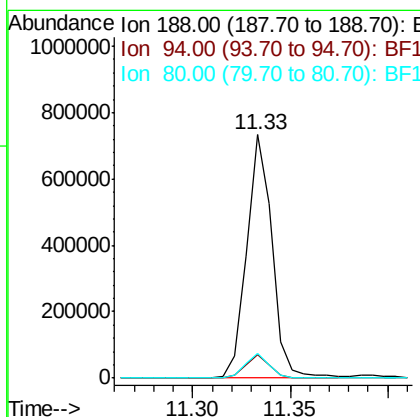
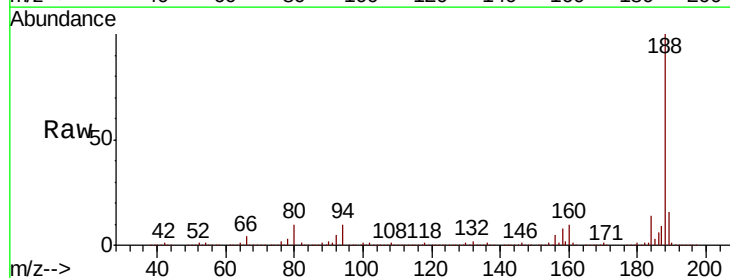
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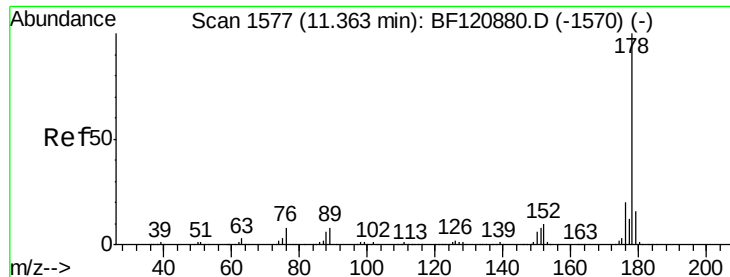
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF121089.D
Acq: 29 Jul 2020 1:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.0	12.0
80	10.0	8.3	12.5





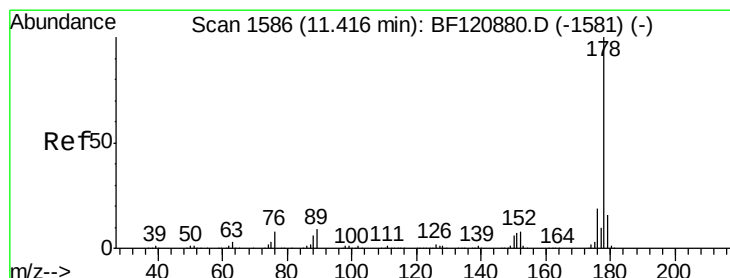
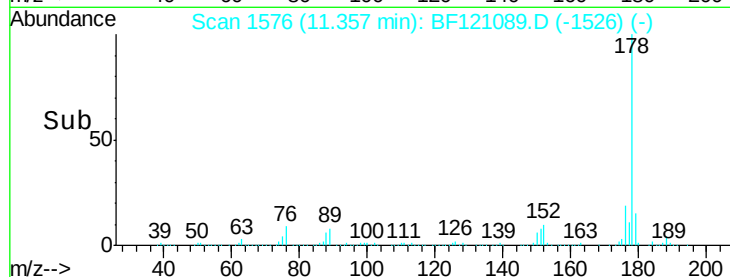
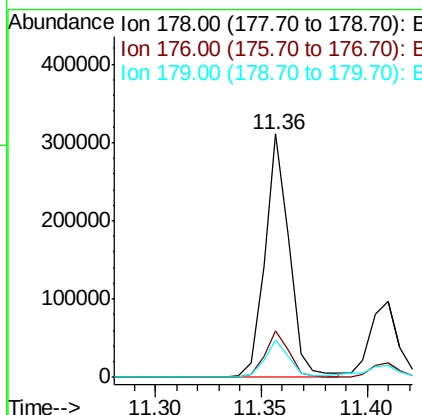
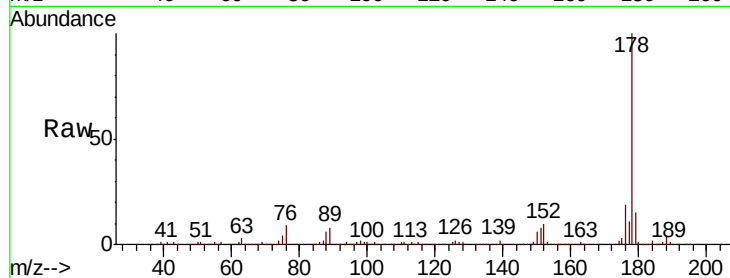
#71
Phenanthrene
Concen: 7.278 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF121089.D
Acq: 29 Jul 2020 1:29

Instrument :
BNA_F
ClientSampleId :
11986

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.4
179	15.5	12.8	19.2

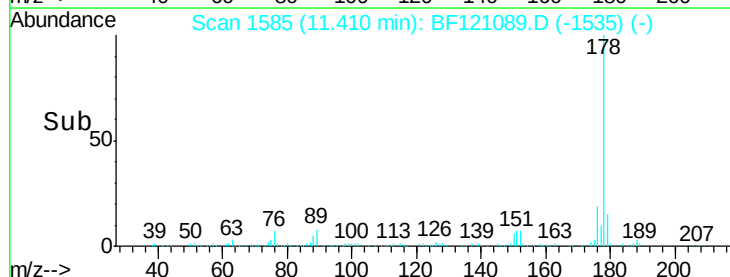
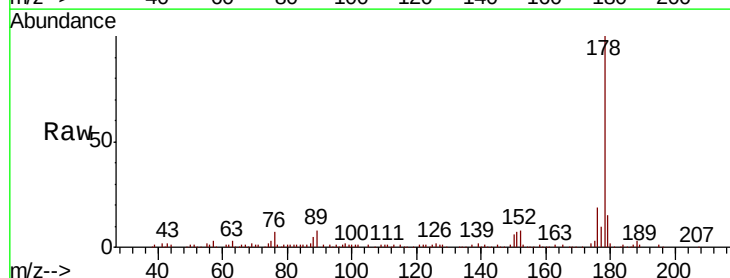
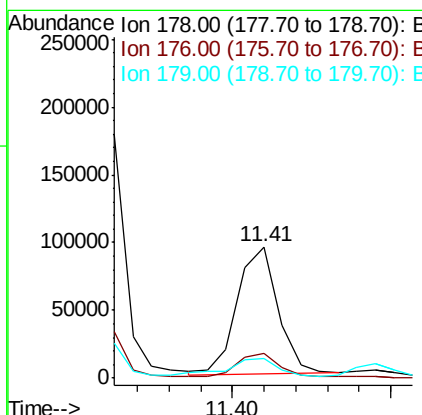
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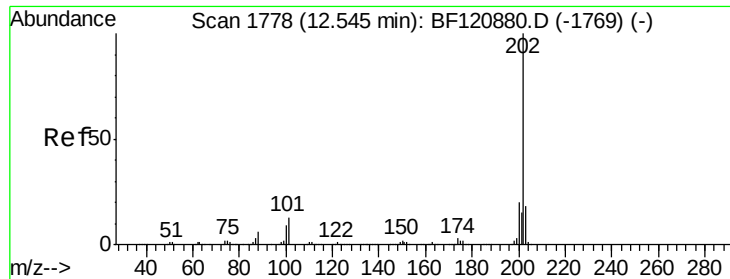
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#72
Anthracene
Concen: 2.452 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF121089.D
Acq: 29 Jul 2020 1:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	15.4	12.8	19.2





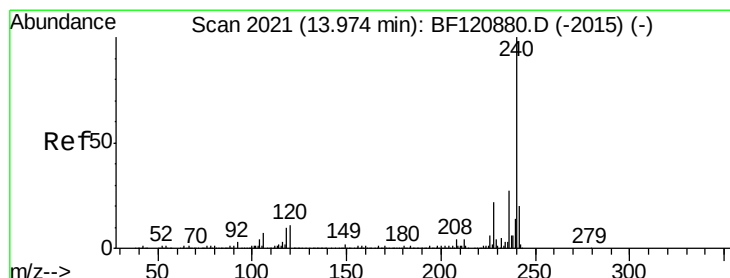
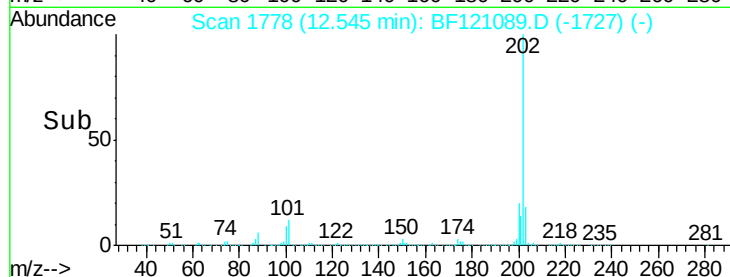
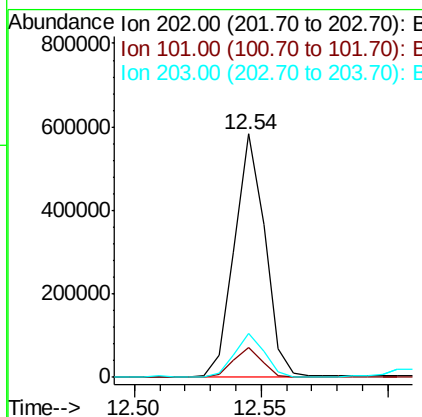
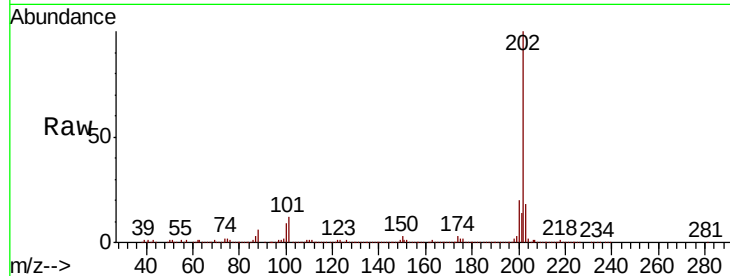
#75
Fluoranthene
Concen: 12.943 ng
RT: 12.54 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BF121089.D
Acq: 29 Jul 2020 1:29

Instrument :
BNA_F
ClientSampleId :
11986

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.2	0.0	32.7
203	17.9	0.0	38.0

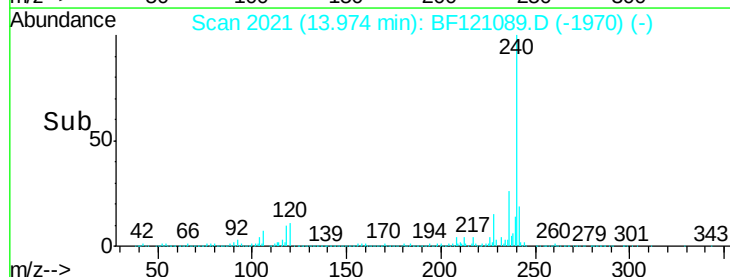
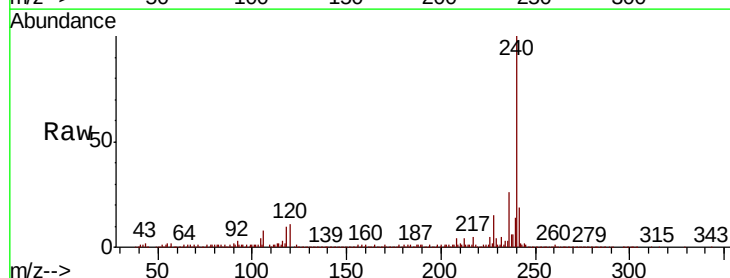
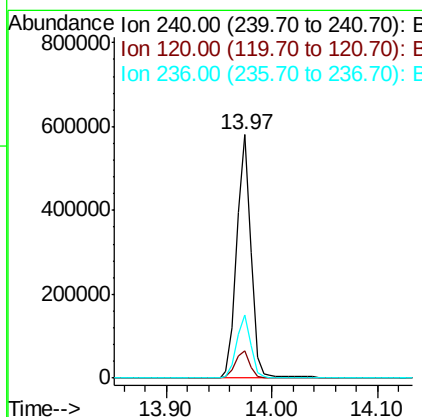
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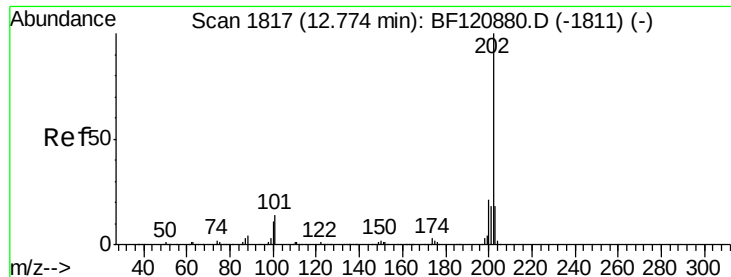
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF121089.D
Acq: 29 Jul 2020 1:29

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.4	9.0	13.4
236	26.1	21.7	32.5





#78

Pvrene

Concen: 12.670 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF121089.D

Acq: 29 Jul 2020 1:29

Instrument :

BNA_F

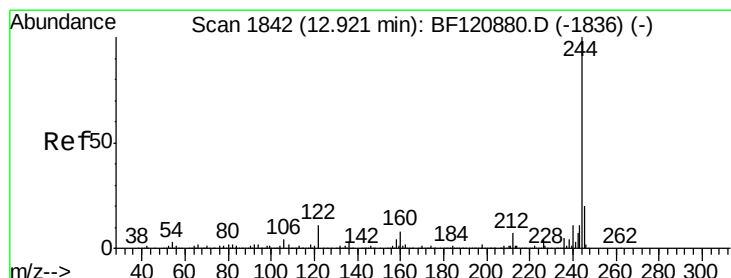
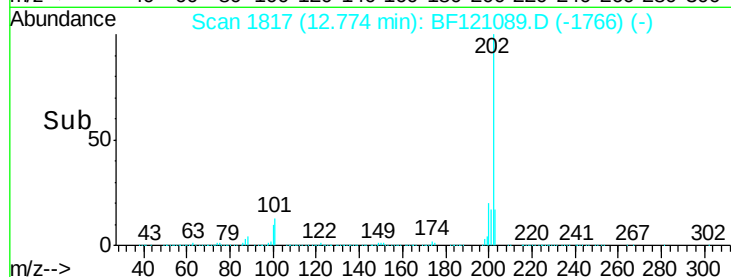
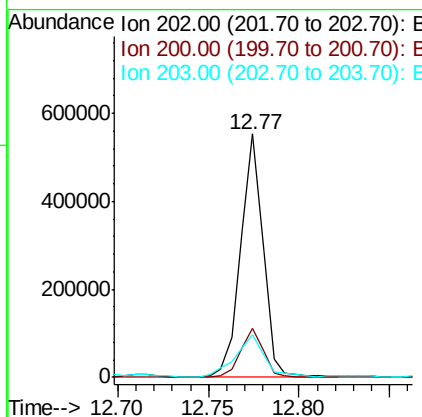
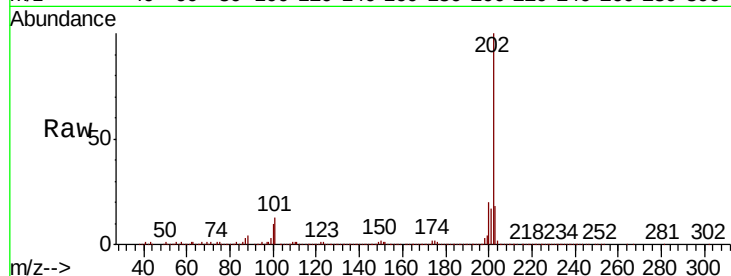
ClientSampleId :

11986

Tot Ion:	202	Resp:	475496
Ion Ratio	Lower	Upper	
202	100		
200	20.3	17.0	25.4
203	17.7	14.4	21.6

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#79

Terphenyl-d14

Concen: 54.729 ng

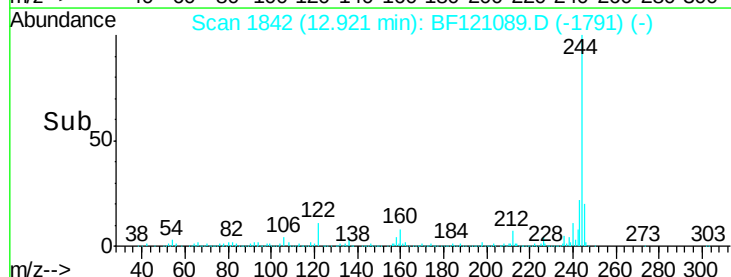
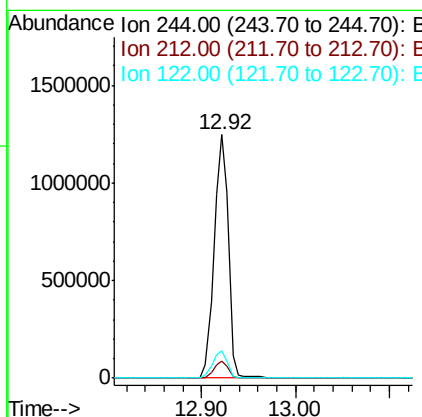
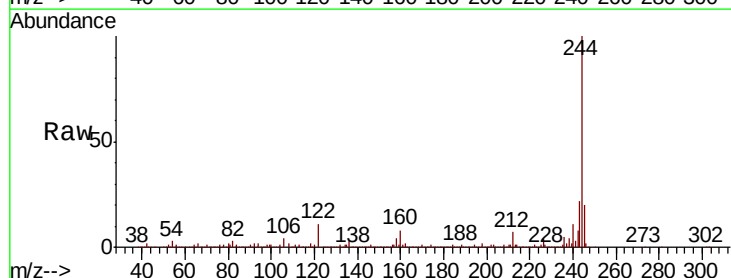
RT: 12.92 min Scan# 1842

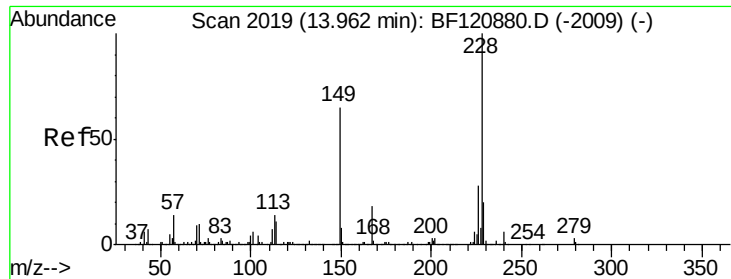
Delta R.T. 0.00 min

Lab File: BF121089.D

Acq: 29 Jul 2020 1:29

Tgt Ion:	244	Resp:	1336425
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.6	8.4
122	11.0	8.9	13.3





#81

Benzo(a)anthracene

Concen: 11.096 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF121089.D

Acq: 29 Jul 2020 1:29

Instrument :

BNA_F

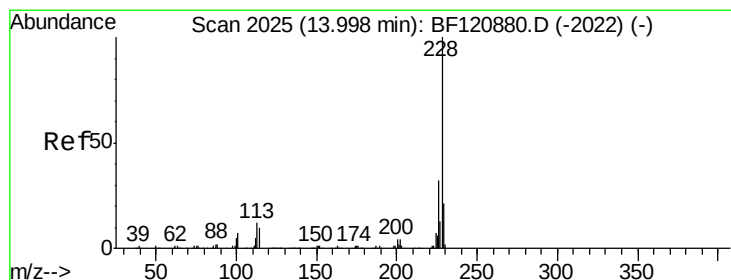
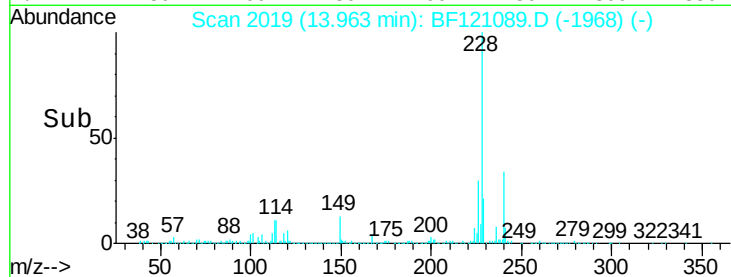
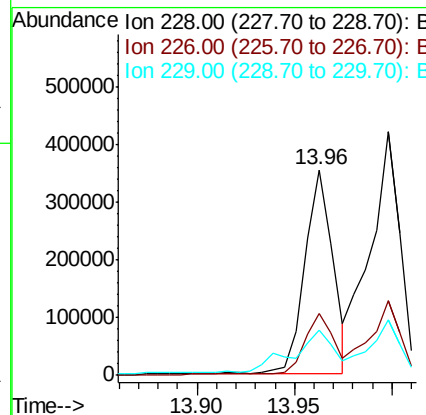
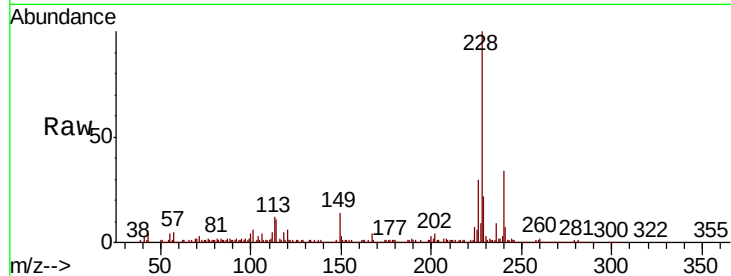
ClientSampleId :

11986

Tot Ion:	228	Resp:	356656
Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.3	33.5
229	21.7	16.1	24.1

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#83

Chrysene

Concen: 13.613 ng

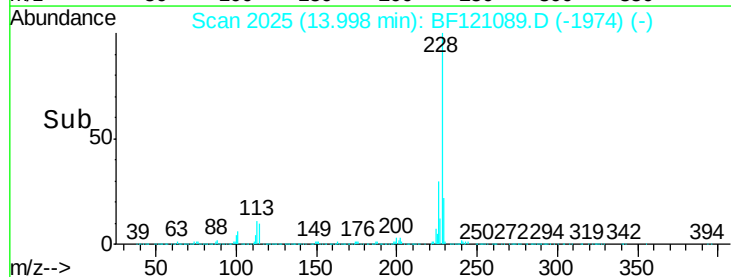
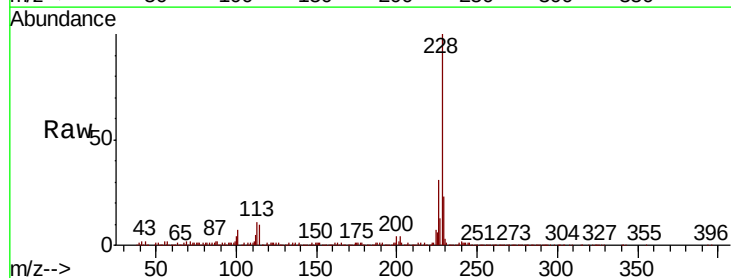
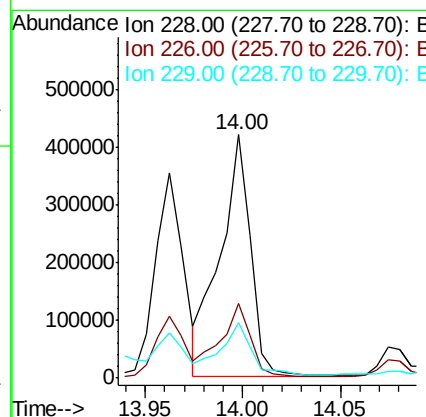
RT: 14.00 min Scan# 2025

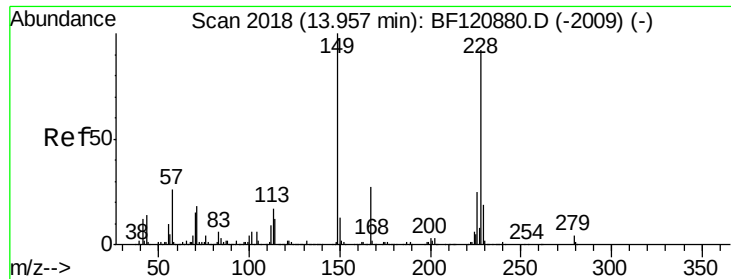
Delta R.T. 0.00 min

Lab File: BF121089.D

Acq: 29 Jul 2020 1:29

Tgt Ion:	228	Resp:	459831
Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.6	38.4
229	22.6	16.8	25.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 6.888 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF121089.D

Acq: 29 Jul 2020 1:29

Instrument :

BNA_F

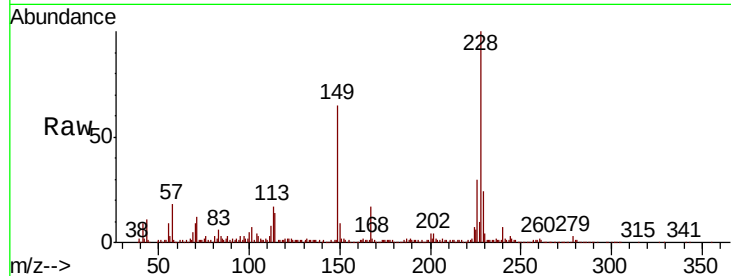
ClientSampleId :

11986

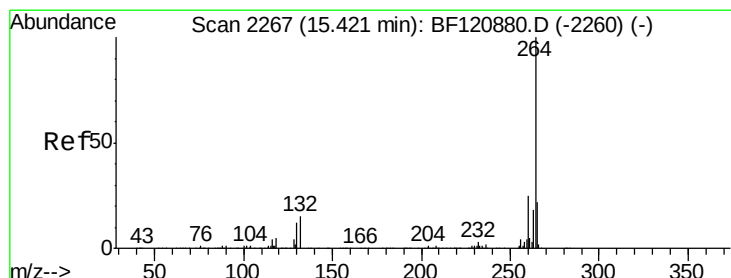
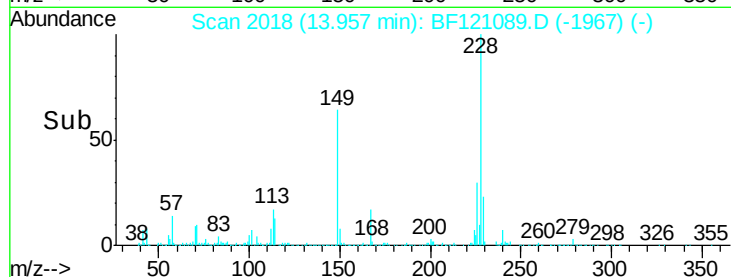
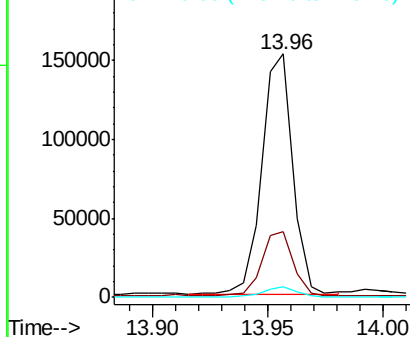
Tot Ion:	149	Resp:	142089
Ion Ratio	Lower	Upper	
149	100		
167	27.0	21.9	32.9
279	4.3	3.0	4.4

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

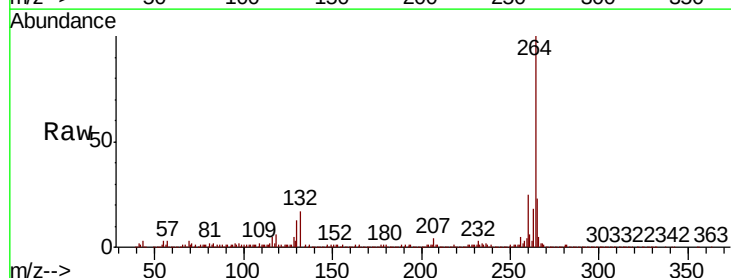
RT: 15.43 min Scan# 2268

Delta R.T. 0.01 min

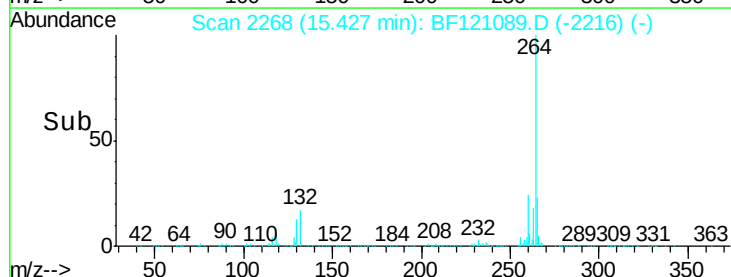
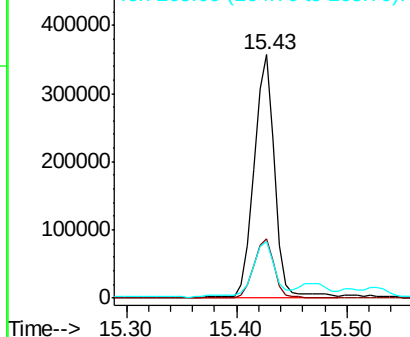
Lab File: BF121089.D

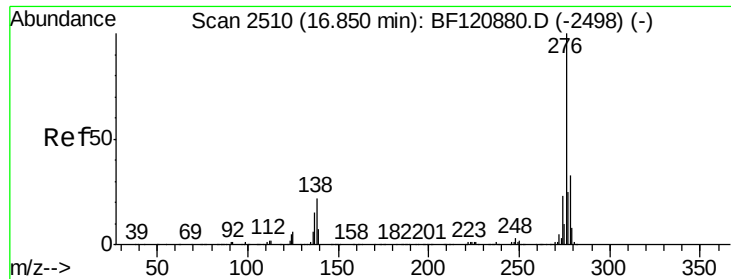
Acq: 29 Jul 2020 1:29

Tgt Ion:	264	Resp:	464713
Ion Ratio	Lower	Upper	
264	100		
260	24.5	20.0	30.0
265	23.1	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





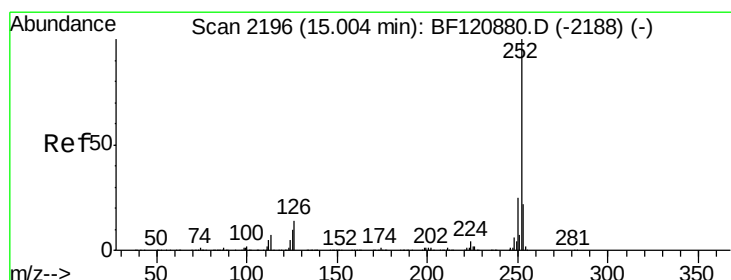
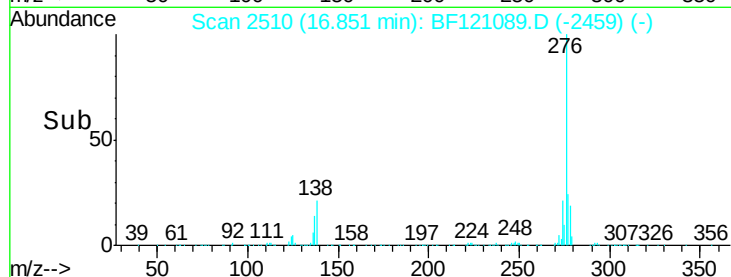
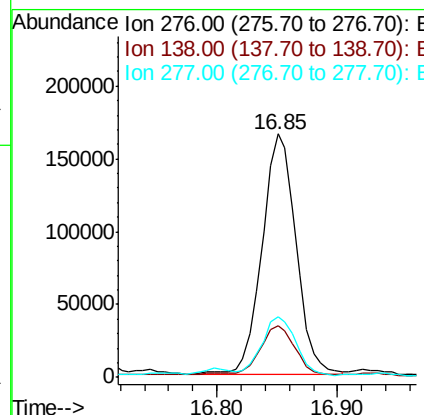
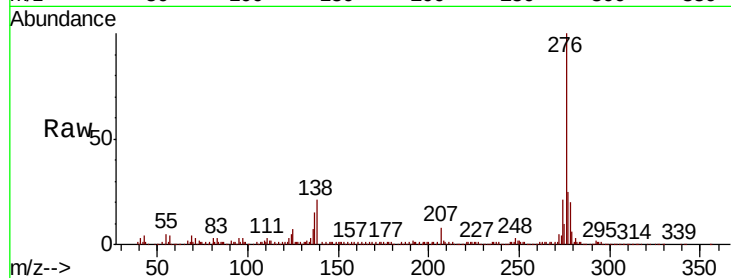
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 9.930 ng
 RT: 16.85 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BF121089.D
 Acq: 29 Jul 2020 1:29

Instrument :
 BNA_F
 ClientSampleId :
 11986

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.4	19.8	29.8
277	24.3	20.2	30.2

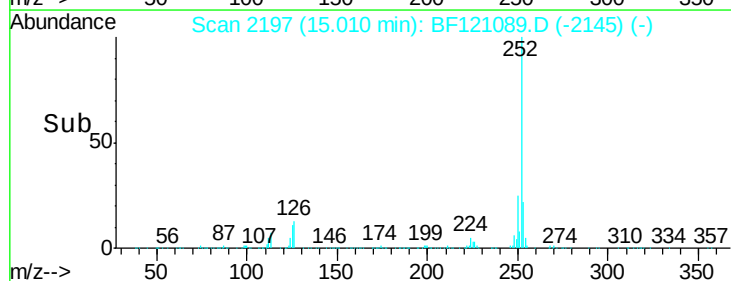
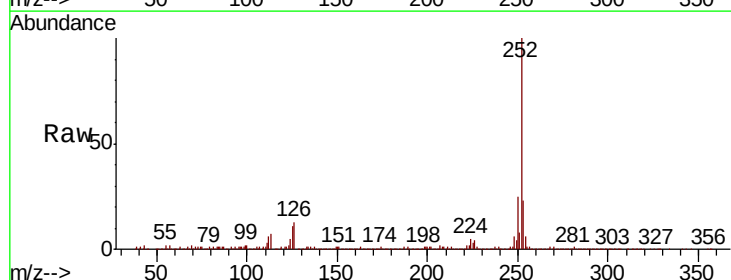
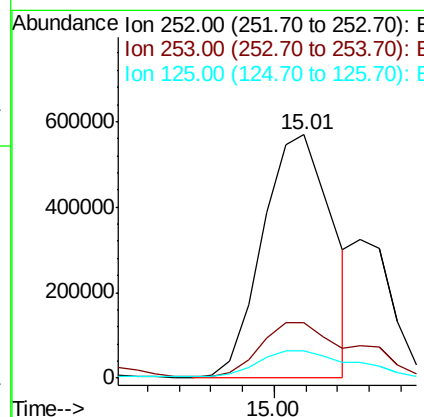
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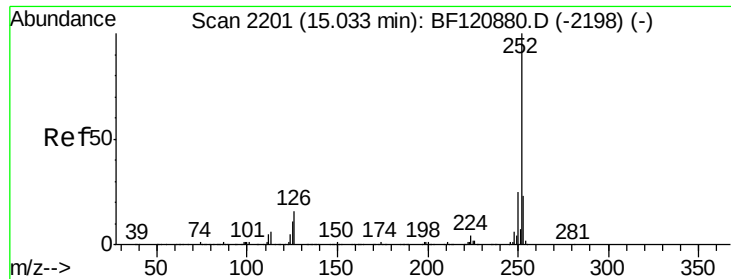
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#88
 Benzo(b)fluoranthene
 Concen: 30.656 ng m
 RT: 15.01 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF121089.D
 Acq: 29 Jul 2020 1:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	11.3	8.3	12.5





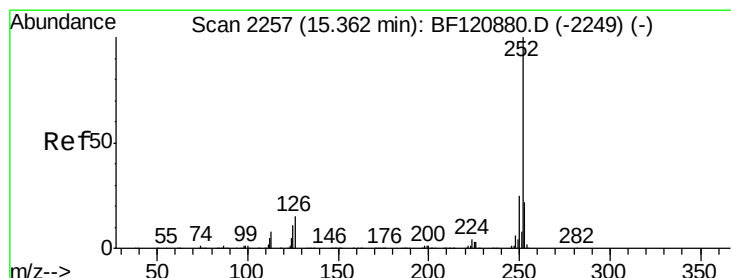
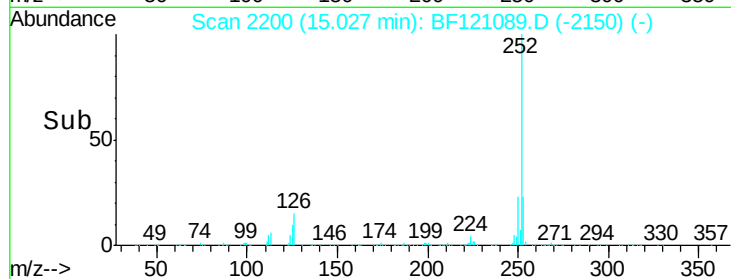
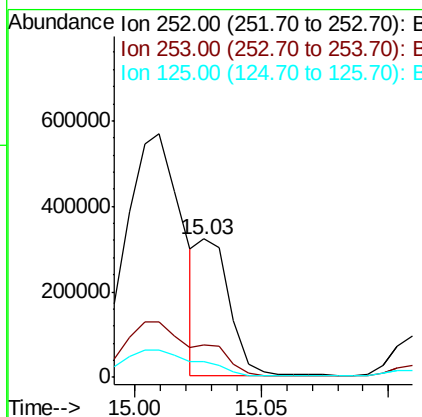
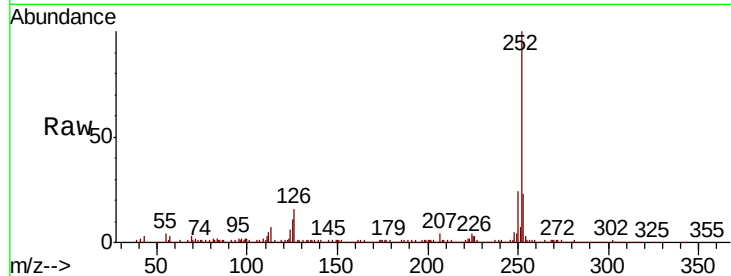
#89
Benzo(k)fluoranthene
Concen: 10.735 ng m
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF121089.D
Acq: 29 Jul 2020 1:29

Instrument :
BNA_F
ClientSampleId :
11986

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.2
125	11.1	8.4	12.6

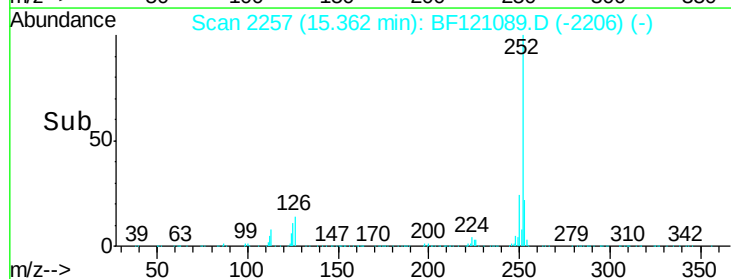
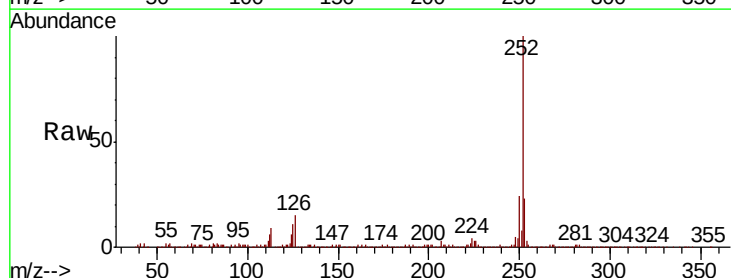
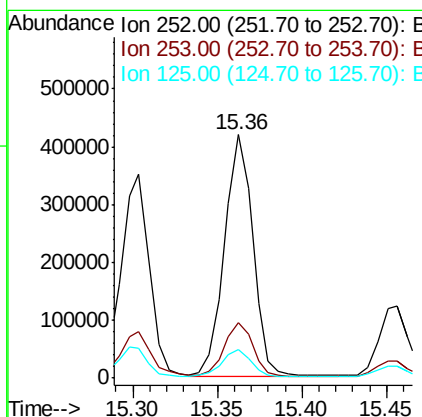
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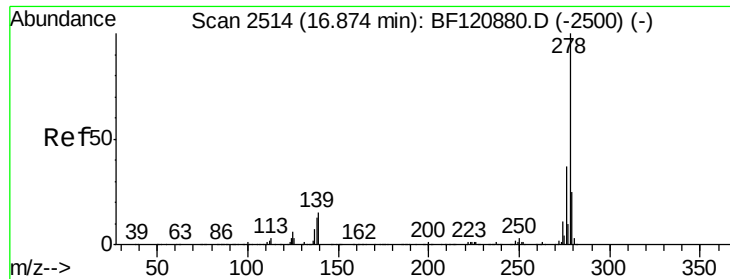
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#90
Benzo(a)pyrene
Concen: 19.295 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF121089.D
Acq: 29 Jul 2020 1:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	11.5	8.9	13.3





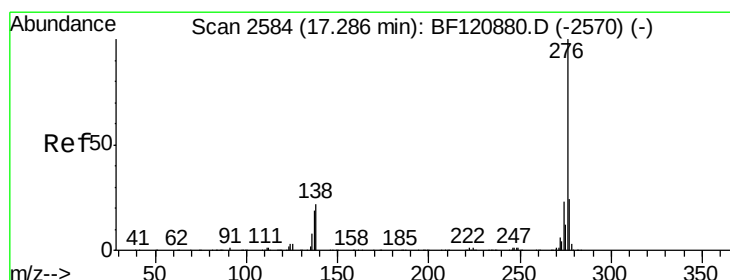
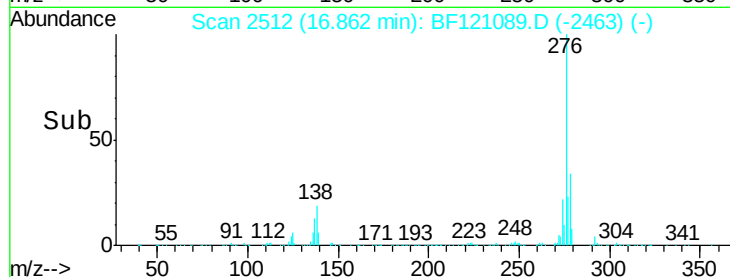
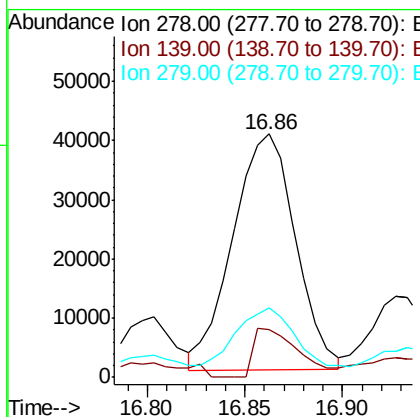
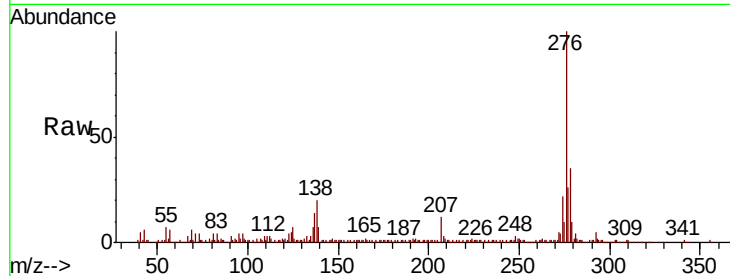
#91
Dibenzo(a,h)anthracene
Concen: 3.357 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BF121089.D
Acq: 29 Jul 2020 1:29

Instrument :
BNA_F
ClientSampleId :
11986

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.7	12.3	18.5#
279	28.6	20.1	30.1

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#92
Benzo(g,h,i)perylene
Concen: 11.089 ng
RT: 17.28 min Scan# 2583
Delta R.T. -0.01 min
Lab File: BF121089.D
Acq: 29 Jul 2020 1:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.8	28.2
138	21.5	17.5	26.3

