

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
 Data File : BF117077.D
 Acq On : 16 Sep 2019 22:52
 Operator : HP/JU
 Sample : K4897-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3425

Manual Integrations
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Quant Time: Sep 17 07:48:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	58309	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	223155	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	97078	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	128986	20.00	ng	0.01
76) Chrysene-d12	13.98	240	101652	20.00	ng	0.00
87) Perylene-d12	15.42	264	71761	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	297100	79.55	ng	0.01
7) Phenol-d6	6.46	99	422530	87.54	ng	0.00
23) Nitrobenzene-d5	7.39	82	250764	59.04	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	64376	79.34	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	443976	71.51	ng	0.00
79) Terphenyl-d14	12.93	244	338934	62.32	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.47	94	19539	3.672	ng	91
50) Dimethylphthalate	9.57	163	53894	7.841	ng	# 95
71) Phenanthrene	11.37	178	18630	2.543	ng	# 37
75) Fluoranthene	12.56	202	31882	4.235	ng	83
78) Pyrene	12.79	202	31111	3.648	ng	# 84
80) Butylbenzylphthalate	13.39	149	9772	2.425	ng	# 63
83) Chrysene	14.00	228	16502	2.491	ng	95
84) Bis(2-ethylhexyl)phthalate	13.95	149	63683	12.255	ng	99
88) Benzo(b)fluoranthene	15.00	252	15437m	3.551	ng	

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

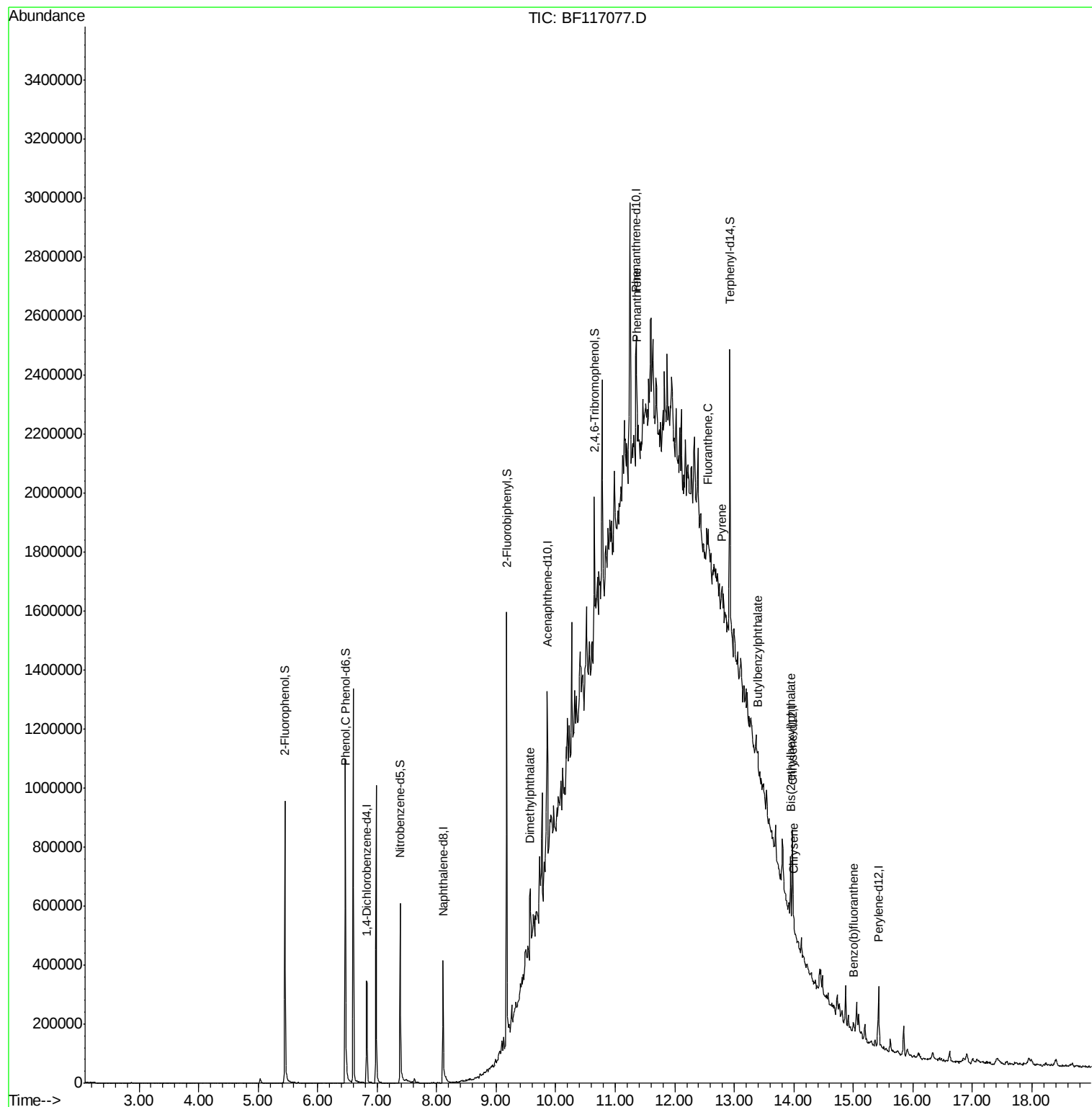
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
Data File : BF117077.D
Acq On : 16 Sep 2019 22:52
Operator : HP/JU
Sample : K4897-01
Misc :
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RT-3425

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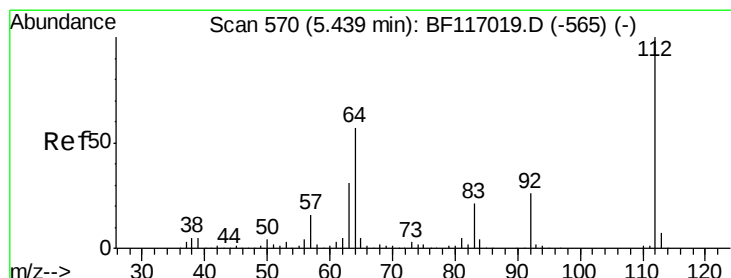
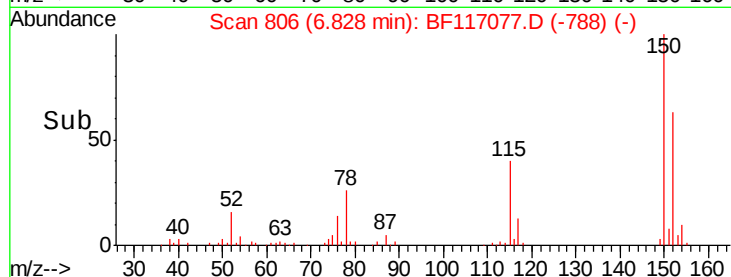
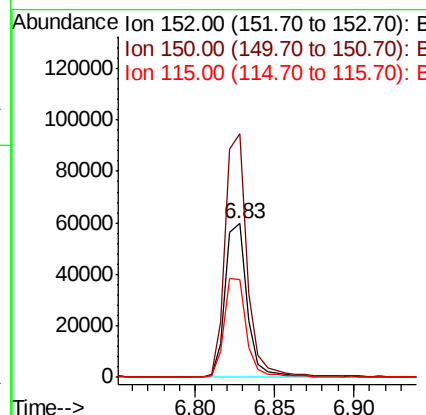
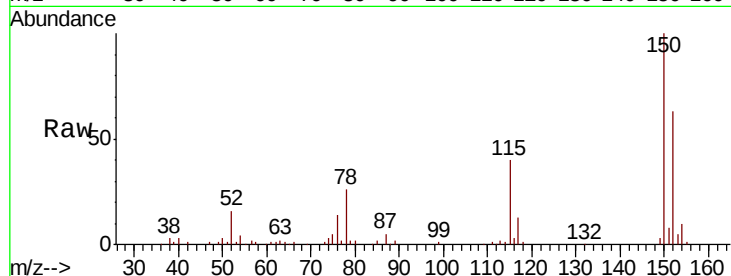
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: BF117077.D
 Acq: 16 Sep 2019 22:52

Instrument :
 BNA_F
 ClientSampleId :
 RT-3425

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	127.5	191.3
115	63.6	55.0	82.4

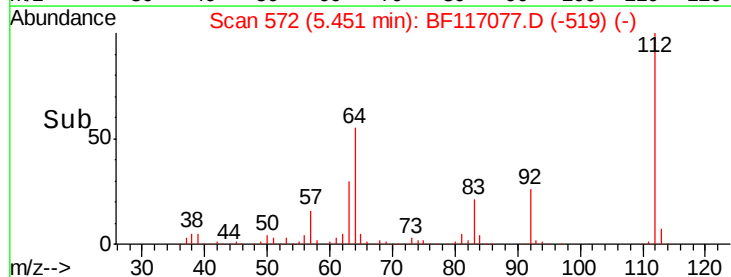
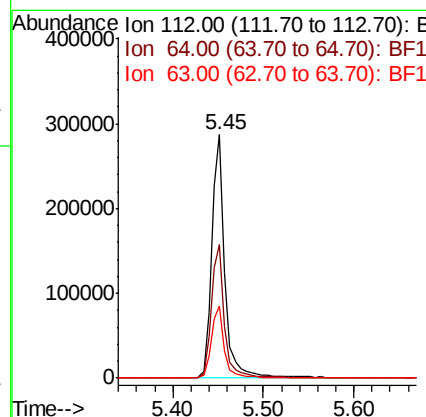
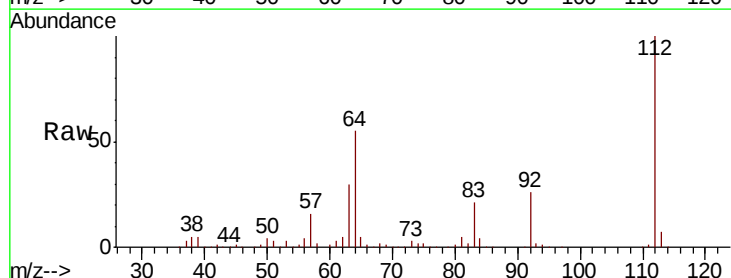
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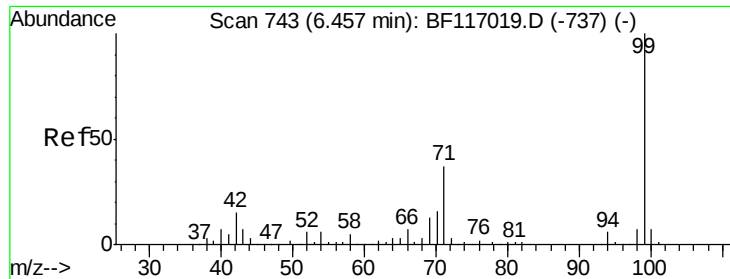
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#5
 2-Fluorophenol
 Concen: 79.550 ng
 RT: 5.45 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: BF117077.D
 Acq: 16 Sep 2019 22:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	45.7	68.5
63	29.9	24.9	37.3





#7

Phenol-d6

Concen: 87.541 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117077.D

Acq: 16 Sep 2019 22:52

Instrument :

BNA_F

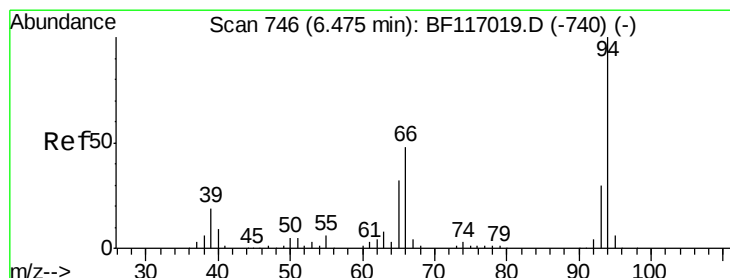
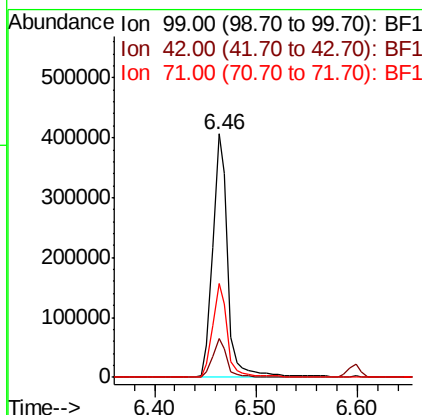
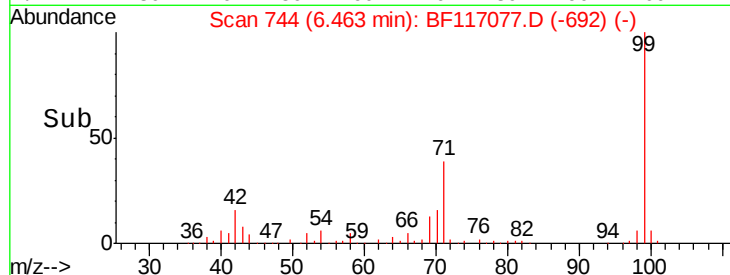
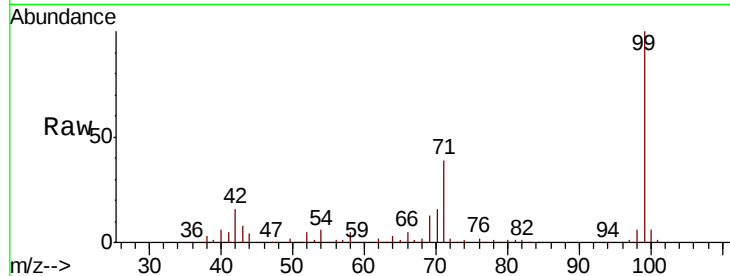
ClientSampled :

RT-3425

Tot Ion:	99	Resp:	422530
Ion	Ratio	Lower	Upper
99	100		
42	16.0	12.2	18.2
71	38.5	29.8	44.8

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#10

Phenol

Concen: 3.672 ng

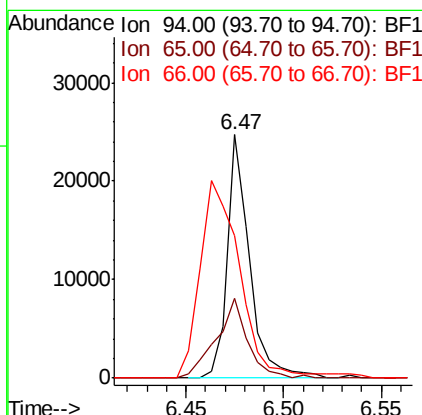
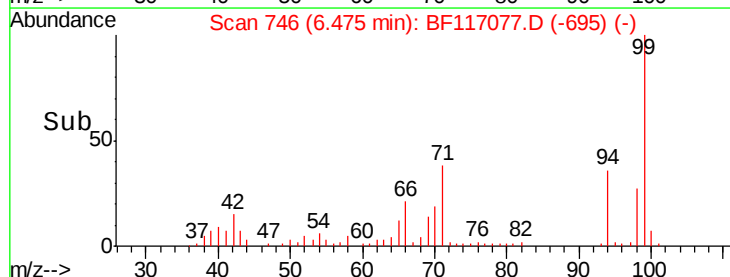
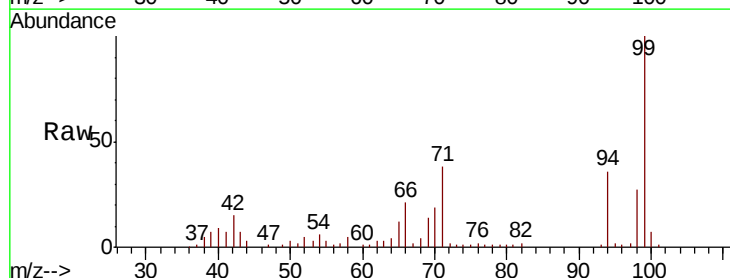
RT: 6.47 min Scan# 746

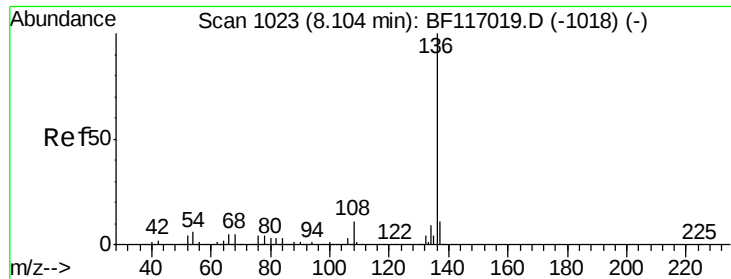
Delta R.T. 0.00 min

Lab File: BF117077.D

Acq: 16 Sep 2019 22:52

Tgt Ion:	94	Resp:	19539
Ion	Ratio	Lower	Upper
94	100		
65	32.8	12.5	52.5
66	58.6	28.9	68.9





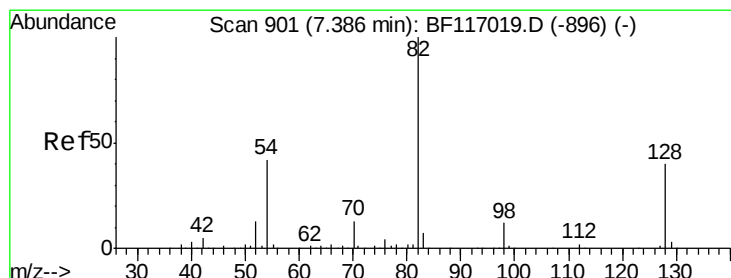
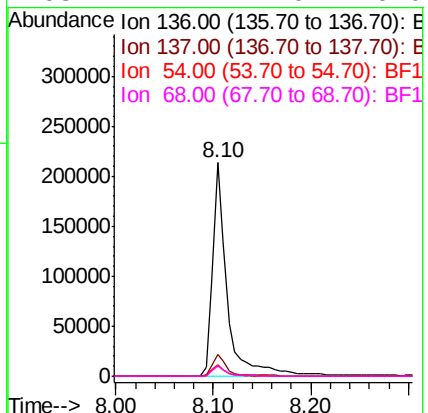
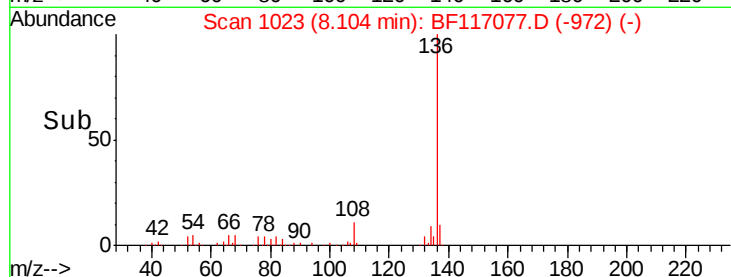
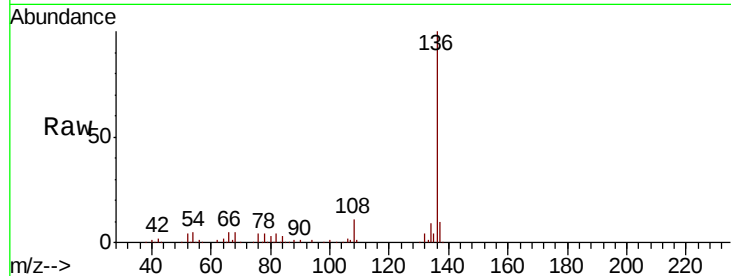
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117077.D
Acq: 16 Sep 2019 22:52

Instrument :
BNA_F
ClientSampleId :
RT-3425

Tot Ion	Ratio	Resp	Lower	Upper
136	100	223155		
137	10.1		9.0	13.4
54	5.3		4.5	6.7
68	4.7		4.0	6.0

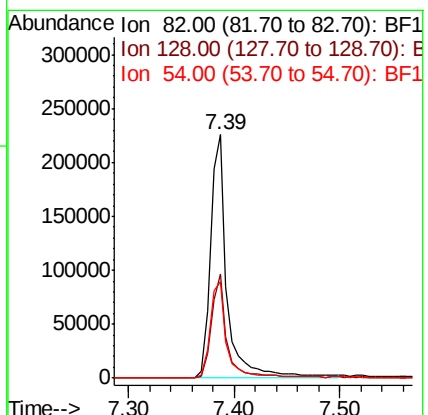
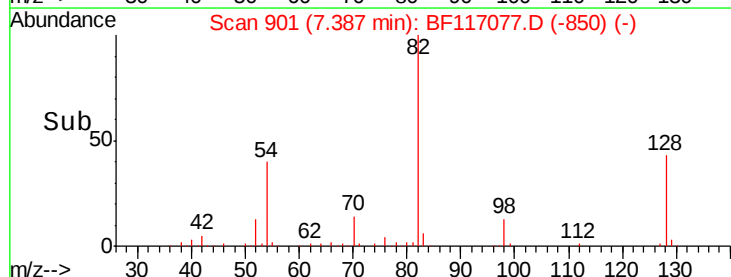
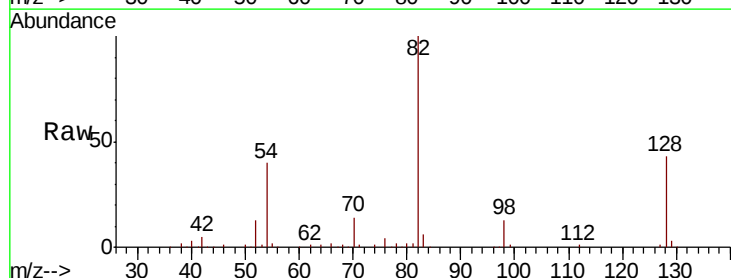
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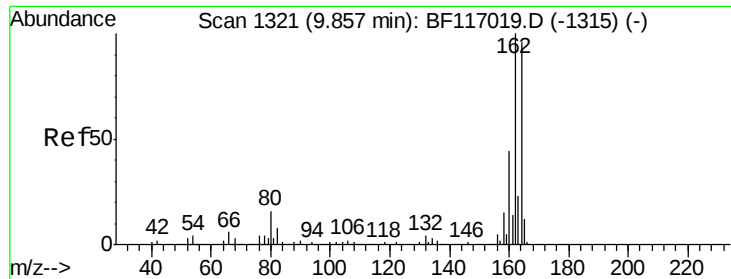
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#23
Nitrobenzene-d5
Concen: 59.043 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF117077.D
Acq: 16 Sep 2019 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	250764		
128	43.0		32.3	48.5
54	39.8		33.3	49.9





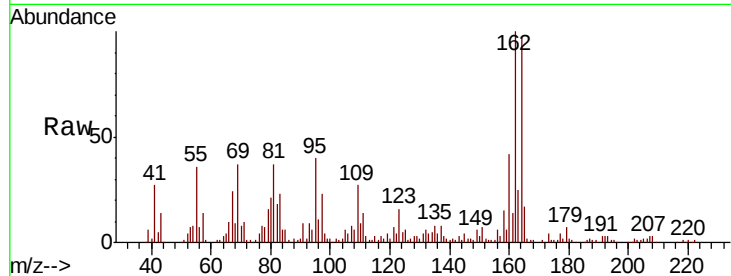
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117077.D
Acq: 16 Sep 2019 22:52

Instrument :
BNA_F
ClientSampleId :
RT-3425

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	83.4	125.2
160	43.4	36.4	54.6

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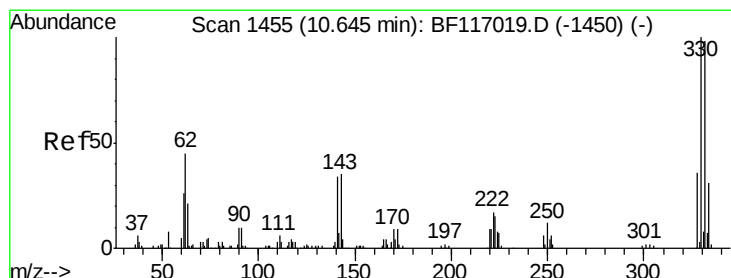
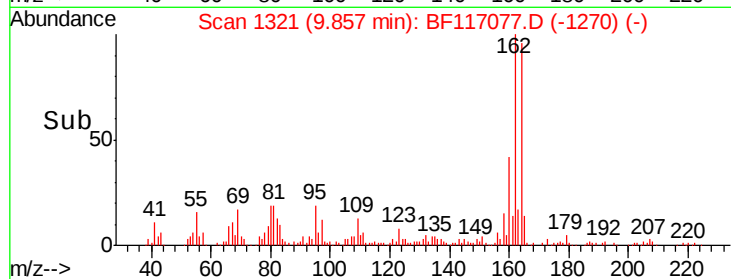
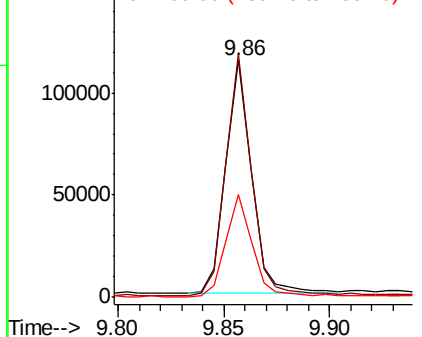


Abundance

Ion 164.00 (163.70 to 164.70): E

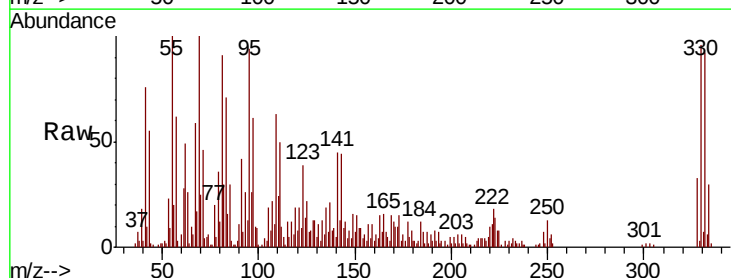
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 79.344 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.01 min
Lab File: BF117077.D
Acq: 16 Sep 2019 22:52

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.0	117.0
141	50.4	35.8	53.6

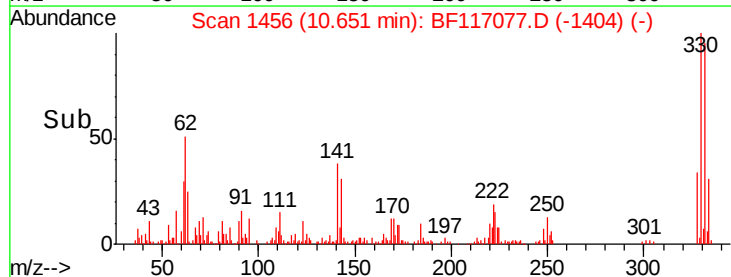
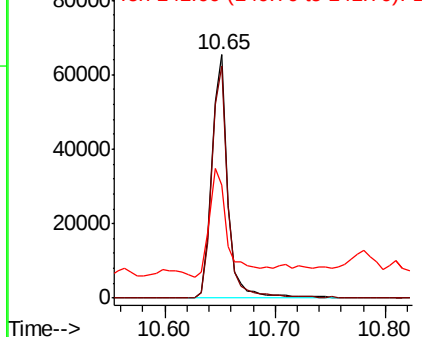


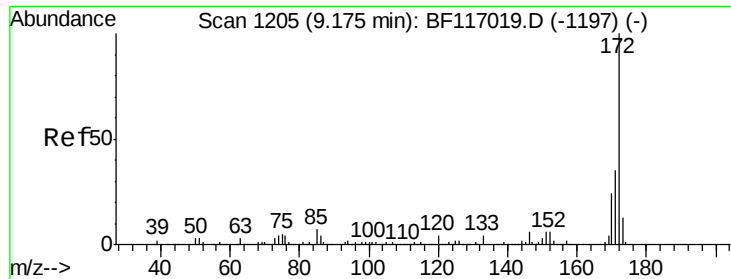
Abundance

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





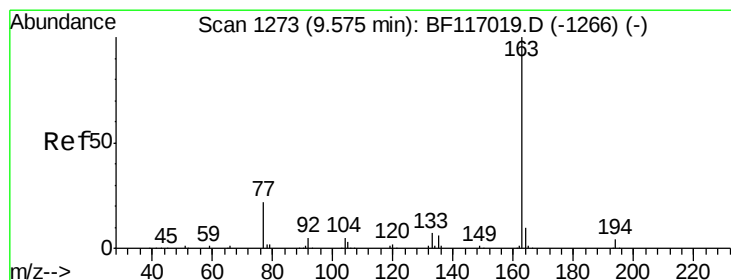
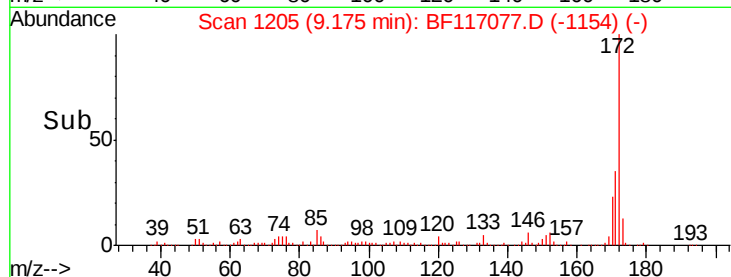
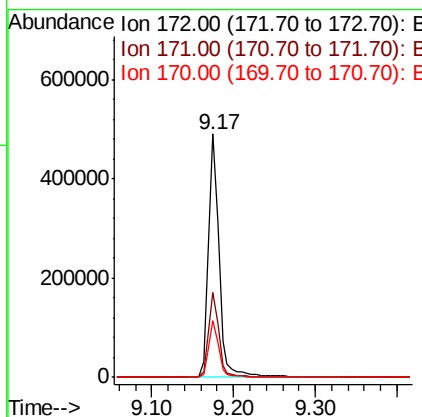
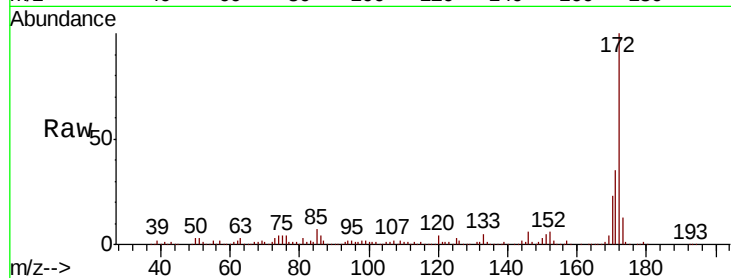
#45
2-Fluorobiphenyl
Concen: 71.508 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117077.D
Acq: 16 Sep 2019 22:52

Instrument :
BNA_F
ClientSampleId :
RT-3425

Tot Ion	Ratio	Resp	Lower	Upper
172	100	443976		
171	34.9		28.2	42.2
170	23.4		18.9	28.3

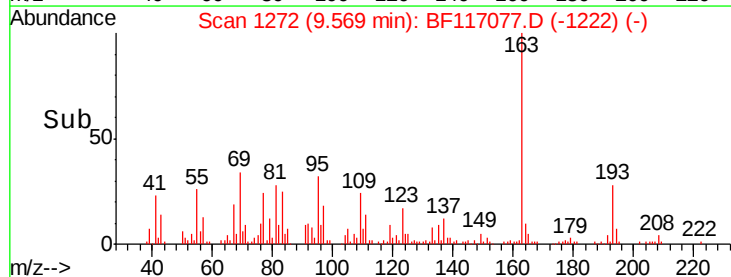
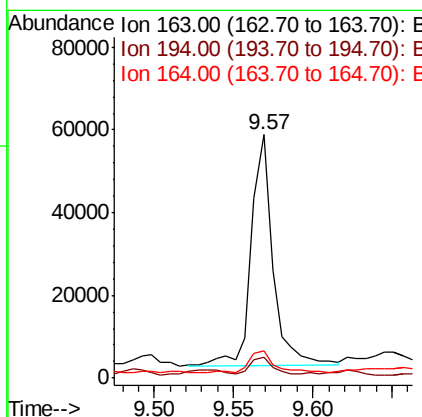
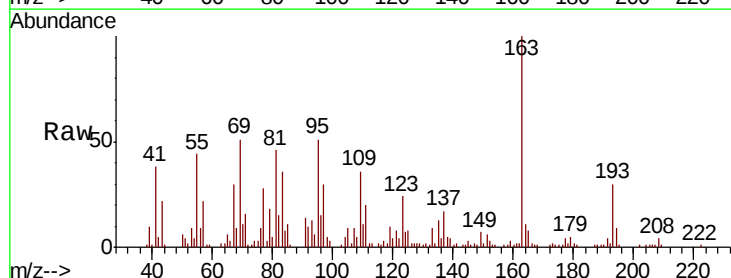
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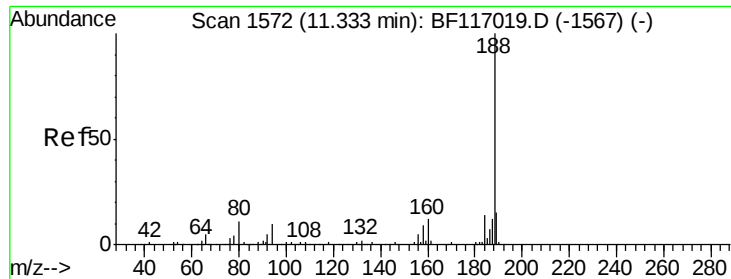
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#50
Dimethylphthalate
Concen: 7.841 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF117077.D
Acq: 16 Sep 2019 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	53894		
194	8.6		2.9	4.3#
164	11.1		8.2	12.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BF117077.D

Acq: 16 Sep 2019 22:52

Instrument :

BNA_F

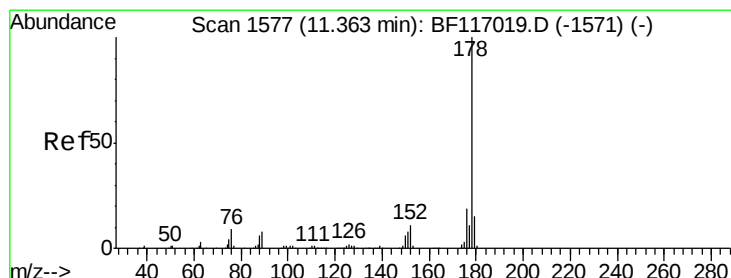
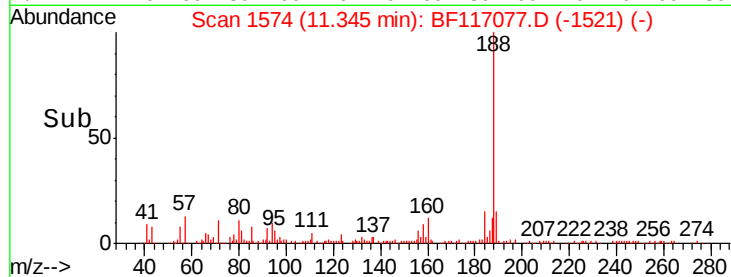
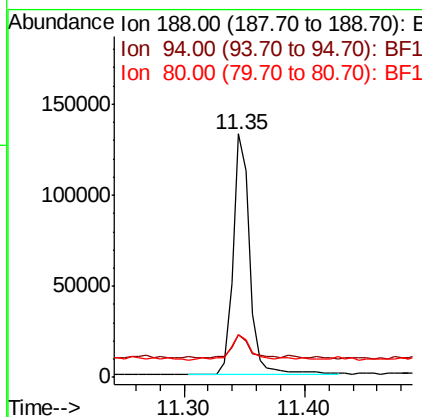
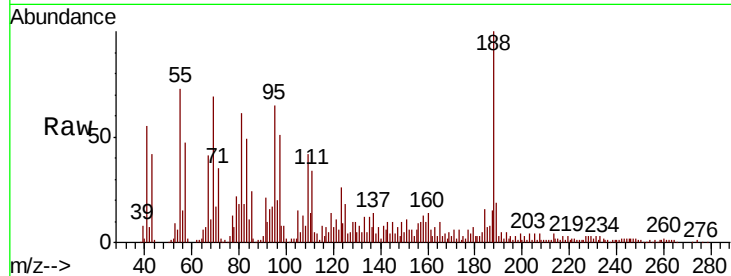
ClientSampleId :

RT-3425

Tot Ion:	188	Resp:	128986
Ion Ratio	Lower	Upper	
188	100		
94	17.4	8.2	12.2#
80	17.8	9.0	13.6#

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#71

Phenanthrene

Concen: 2.543 ng

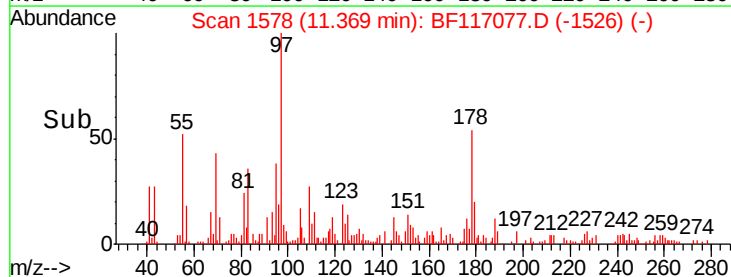
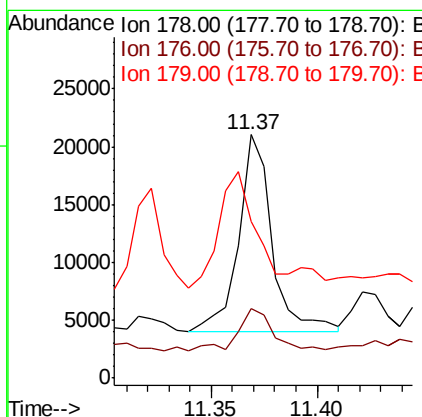
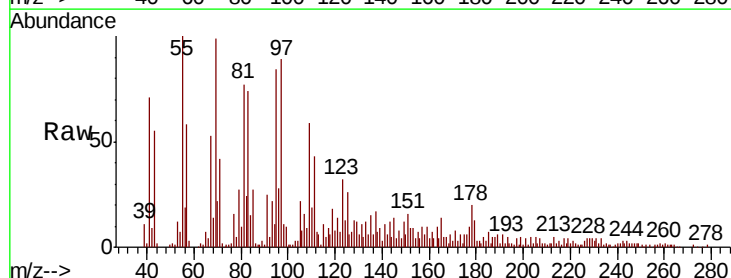
RT: 11.37 min Scan# 1578

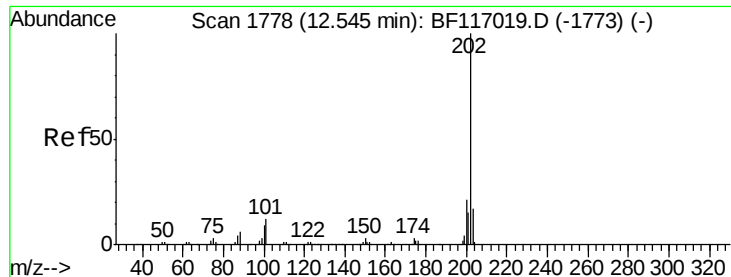
Delta R.T. 0.01 min

Lab File: BF117077.D

Acq: 16 Sep 2019 22:52

Tgt Ion:	178	Resp:	18630
Ion Ratio	Lower	Upper	
178	100		
176	28.8	15.4	23.2#
179	64.3	12.4	18.6#





#75

Fluoranthene

Concen: 4.235 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.02 min

Lab File: BF117077.D

Acq: 16 Sep 2019 22:52

Instrument :

BNA_F

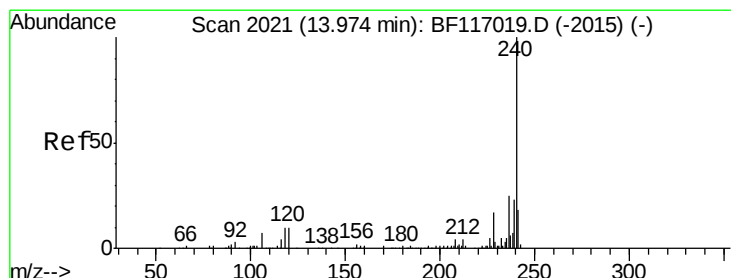
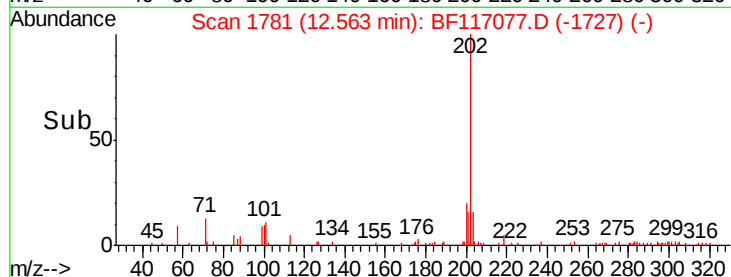
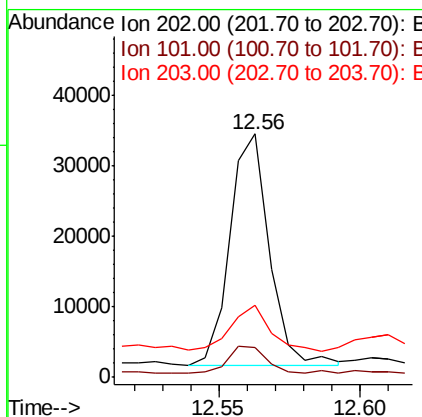
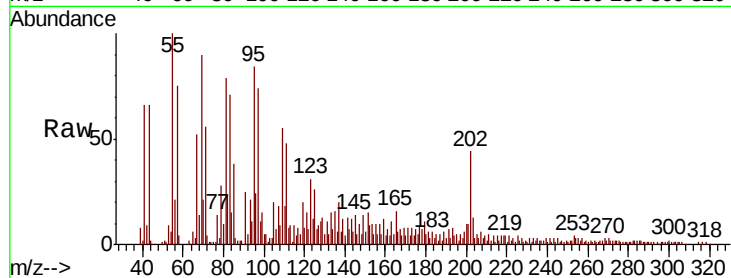
ClientSampleId :

RT-3425

Tot Ion:	202	Resp:	31882
Ion Ratio	Lower	Upper	
202	100		
101	12.1	0.0	32.3
203	29.4	0.0	37.1

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#76

Chrysene-d12

Concen: 20.000 ng

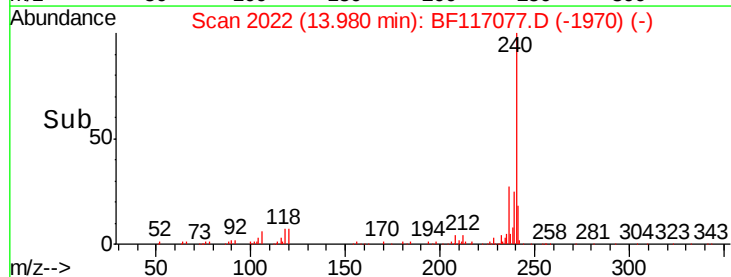
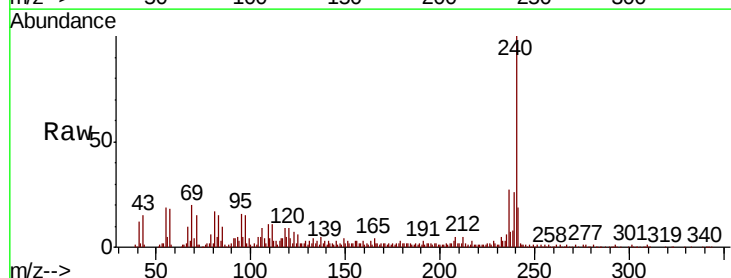
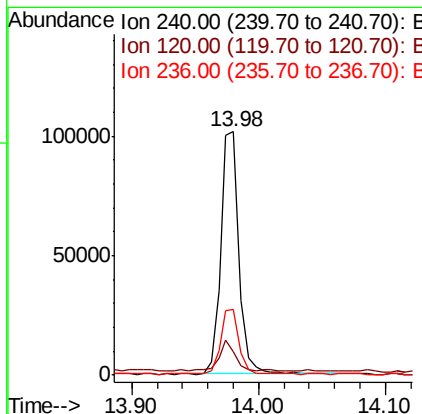
RT: 13.98 min Scan# 2022

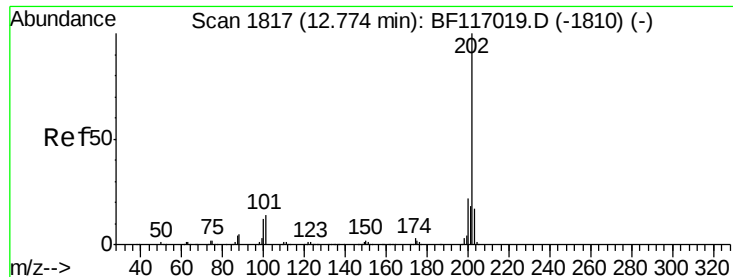
Delta R.T. 0.01 min

Lab File: BF117077.D

Acq: 16 Sep 2019 22:52

Tgt Ion:	240	Resp:	101652
Ion Ratio	Lower	Upper	
240	100		
120	9.5	8.3	12.5
236	27.1	20.3	30.5





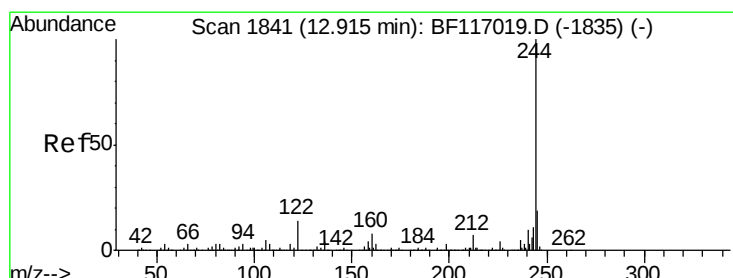
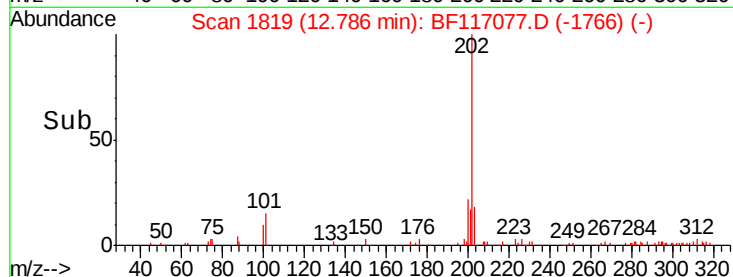
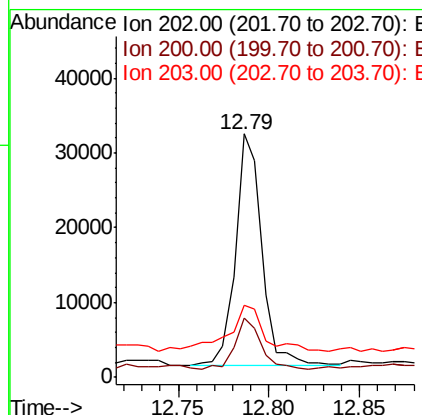
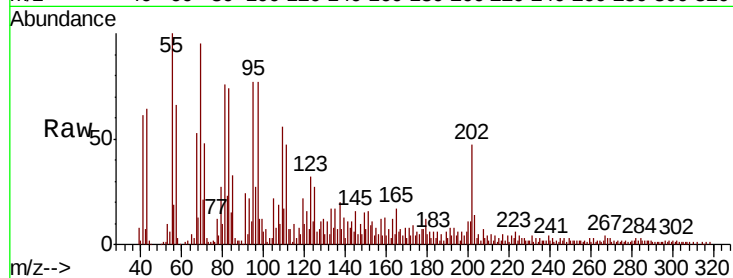
#78
Pvrene
Concen: 3.648 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BF117077.D
Acq: 16 Sep 2019 22:52

Instrument :
BNA_F
ClientSampleId :
RT-3425

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	24.3	17.2	25.8
203	29.5	14.0	21.0

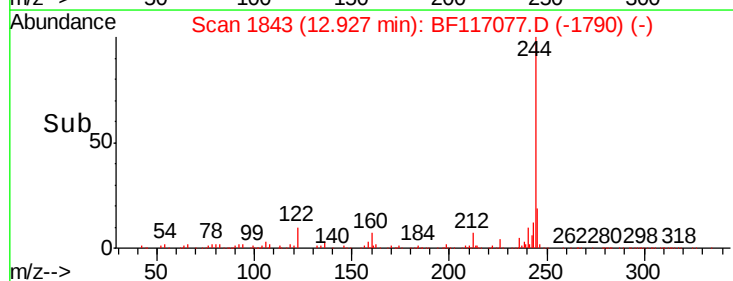
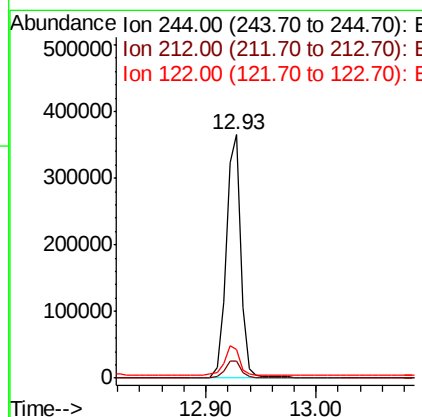
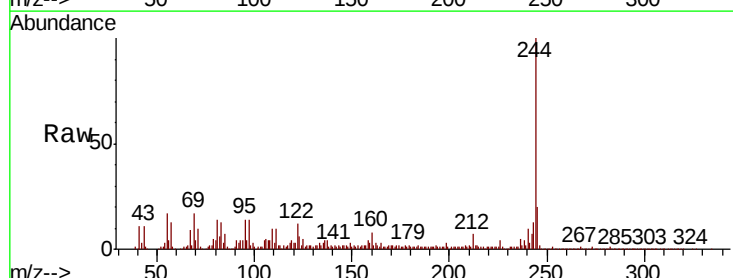
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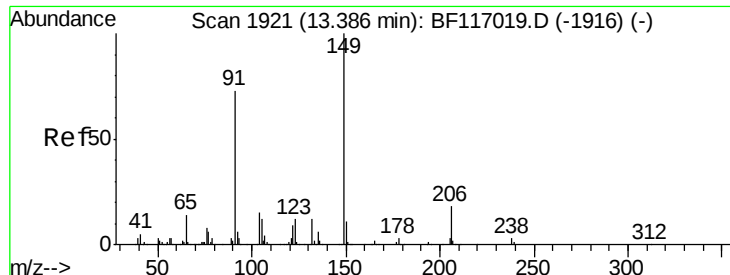
mohammad
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#79
Terphenyl-d14
Concen: 62.325 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BF117077.D
Acq: 16 Sep 2019 22:52

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.2	5.8	8.8
122	11.7	11.3	16.9





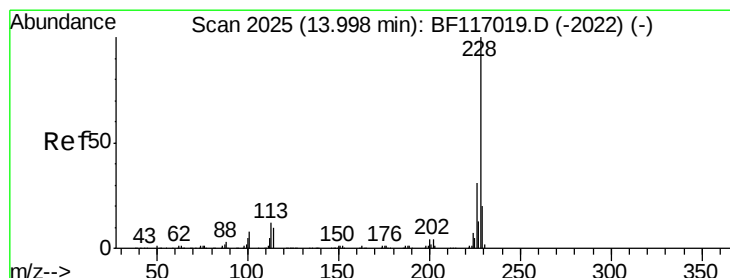
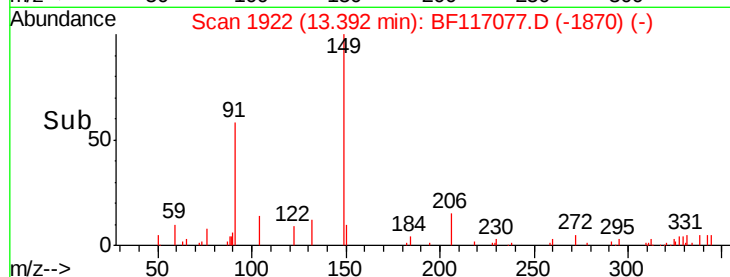
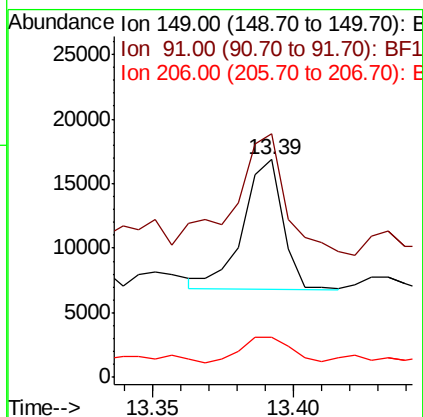
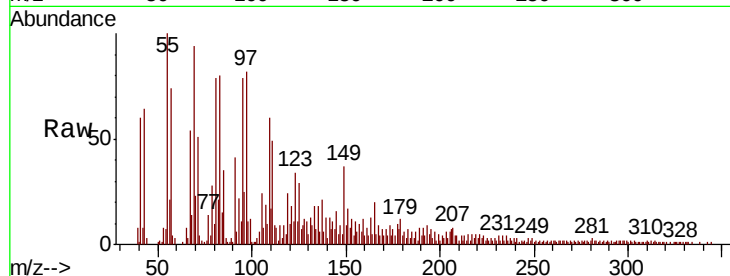
#80
Butylbenzylphthalate
Concen: 2.425 ng
RT: 13.39 min Scan# 1922
Delta R.T. 0.01 min
Lab File: BF117077.D
Acq: 16 Sep 2019 22:52

Instrument :
BNA_F
Client Sampled :
RT-3425

Tot Ion	Ratio	Lower	Upper
149	100		
91	112.0	58.8	88.2
206	18.3	14.1	21.1

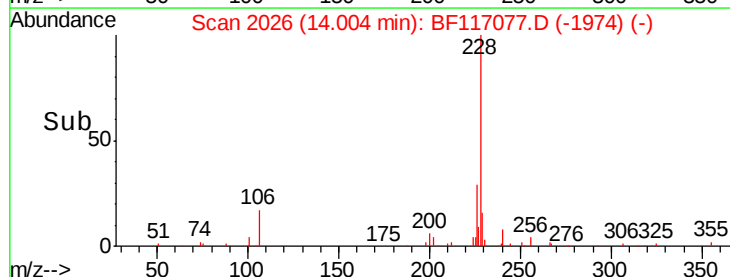
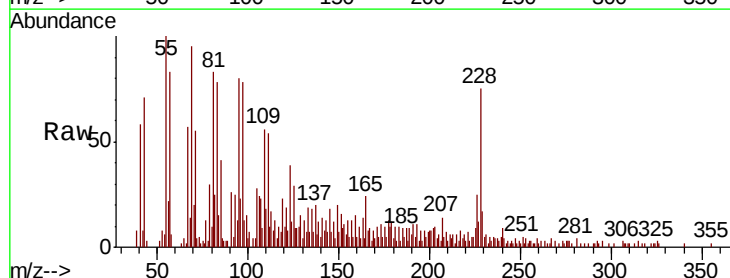
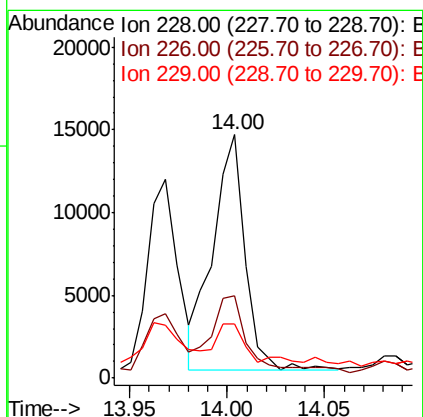
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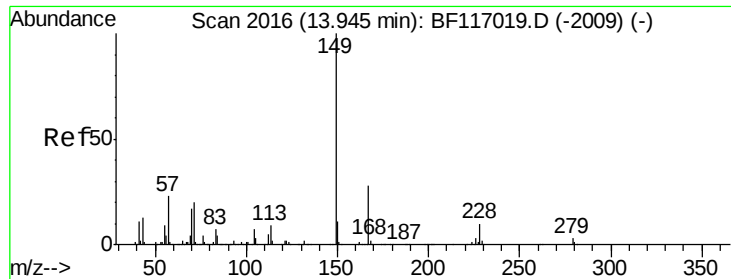
mohammad
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#83
Chrysene
Concen: 2.491 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF117077.D
Acq: 16 Sep 2019 22:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.8	24.8	37.2
229	22.3	15.8	23.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 12.255 ng

RT: 13.95 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF117077.D

Acq: 16 Sep 2019 22:52

Instrument :

BNA_F

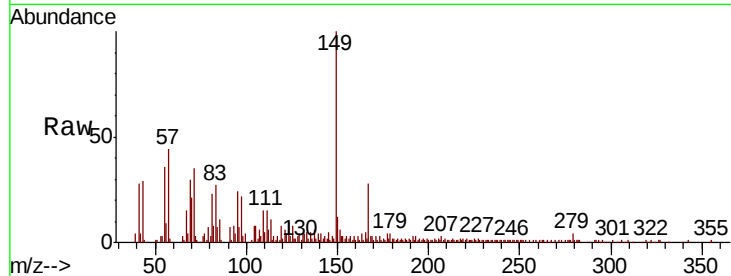
ClientSampleId :

RT-3425

Tot Ion:	149	Resp:	63683
Ion Ratio	Lower	Upper	
149	100		
167	28.4	22.2	33.2
279	3.9	2.8	4.2

Manual Integrations
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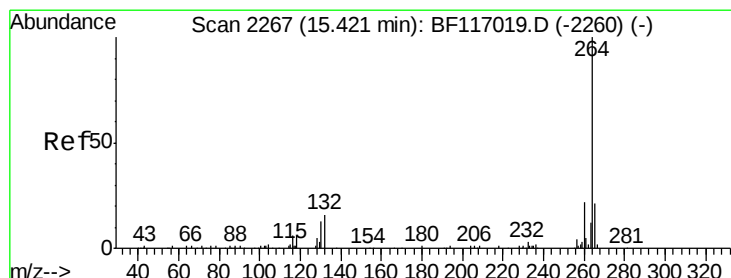
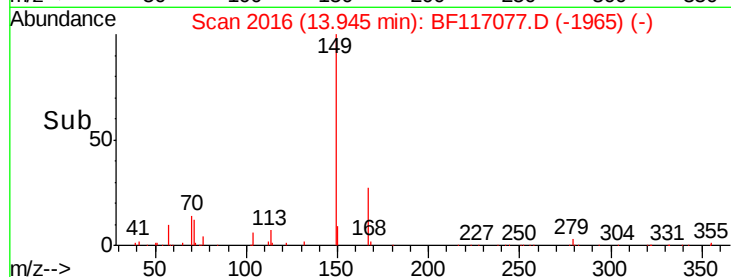
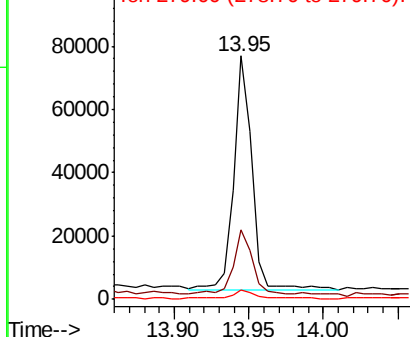


Abundance

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



#87

Perylene-d12

Concen: 20.000 ng

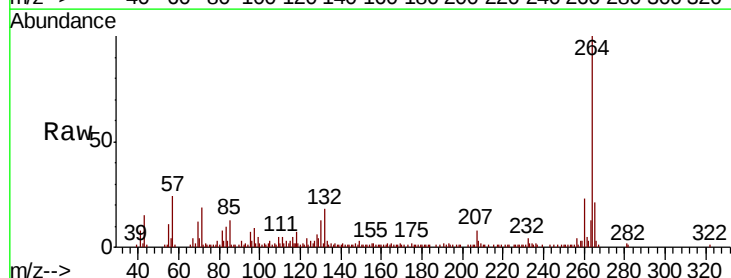
RT: 15.42 min Scan# 2267

Delta R.T. 0.00 min

Lab File: BF117077.D

Acq: 16 Sep 2019 22:52

Tgt Ion:	264	Resp:	71761
Ion Ratio	Lower	Upper	
264	100		
260	23.2	17.6	26.4
265	21.4	16.6	24.8

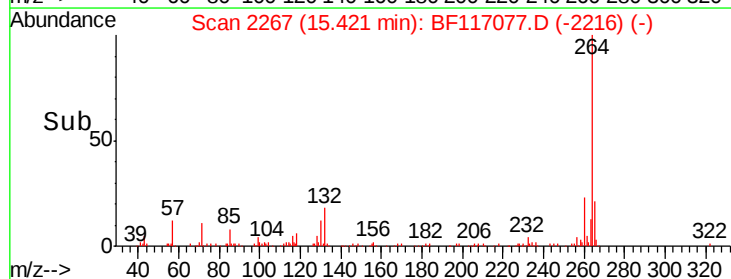
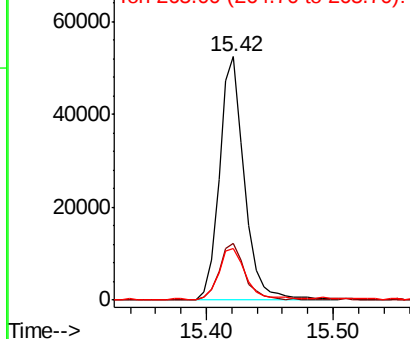


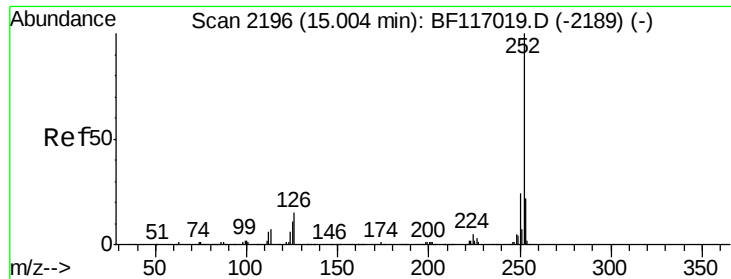
Abundance

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: 3.551 ng/ml
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF117077.D
 Acq: 16 Sep 2019 22:52

Instrument :
 BNA_F
 ClientSampleId :
 RT-3425

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.3	17.6	26.4#
125	32.4	8.6	12.8#

Manual Integrations
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