

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
 Data File : BF113409.D
 Acq On : 29 Mar 2019 12:18
 Operator : JU/SJ
 Sample : K2155-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0328-S-DH-5-T

Manual Integrations
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Quant Time: Mar 29 13:10:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	191625	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	690249	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	312721	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	524297	20.00	ng	0.00
76) Chrysene-d12	13.84	240	442861	20.00	ng	0.00
87) Perylene-d12	15.24	264	440804	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1316785	112.36	ng	0.01
7) Phenol-d6	6.36	99	1704125	114.94	ng	0.00
23) Nitrobenzene-d5	7.27	82	1068516	91.88	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	395808	102.47	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1742230	87.93	ng	0.00
79) Terphenyl-d14	12.79	244	1377824	68.58	ng	0.00
Target Compounds						
10) Phenol	6.37	94	45733	2.702	ng	Qvalue # 71
50) Dimethylphthalate	9.45	163	134388	5.799	ng	99
71) Phenanthrene	11.23	178	82084	3.153	ng	97
75) Fluoranthene	12.42	202	138469	4.704	ng	97
78) Pyrene	12.64	202	129746	4.228	ng	98
81) Benzo(a)anthracene	13.83	228	75736	2.988	ng	98
83) Chrysene	13.86	228	69054	2.682	ng	97
88) Benzo(b)fluoranthene	14.85	252	93544m	3.416	ng	
90) Benzo(a)pyrene	15.19	252	67957	2.799	ng	# 90

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

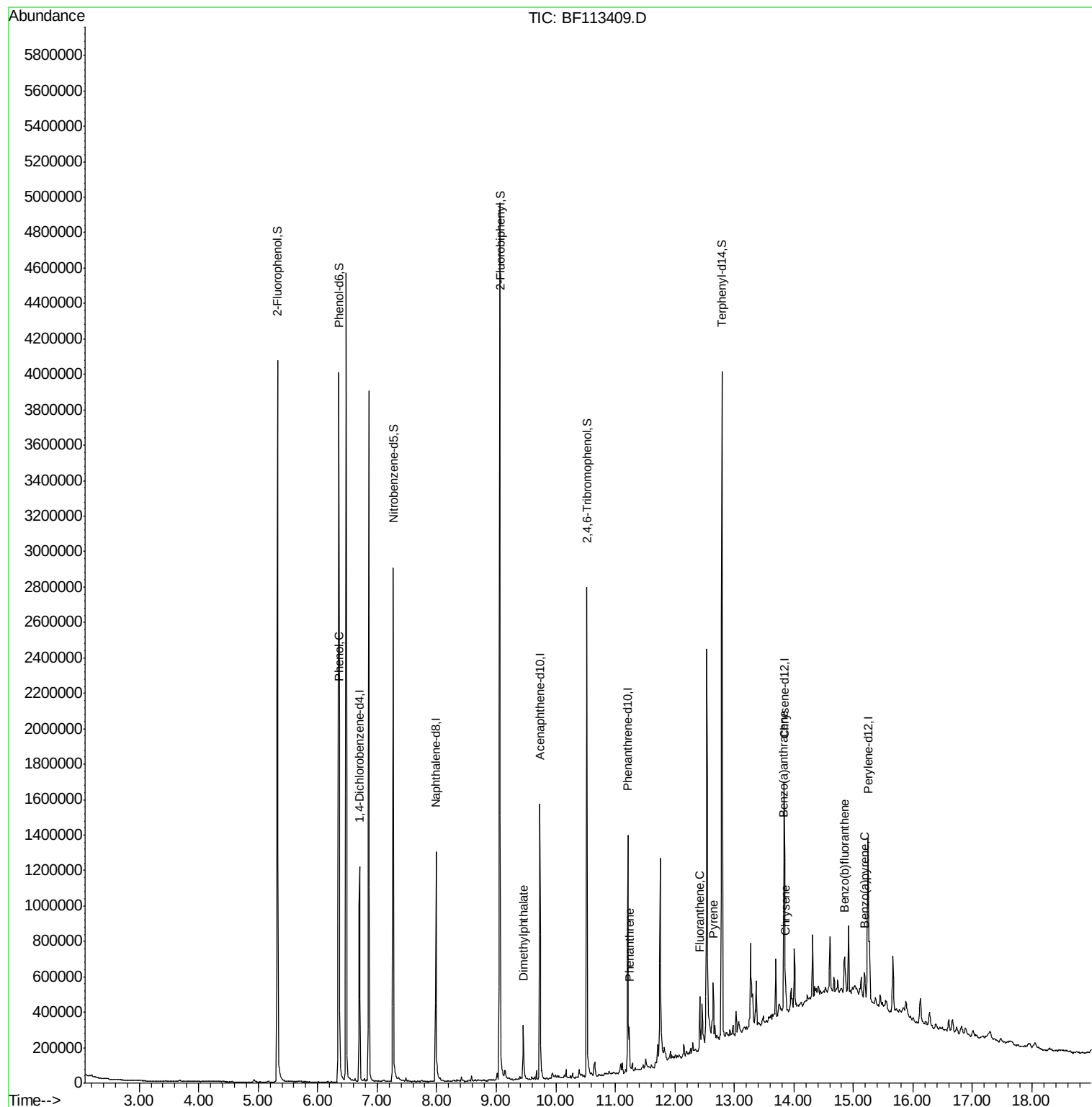
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
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Misc :
ALS Vial : 4 Sample Multiplier: 1

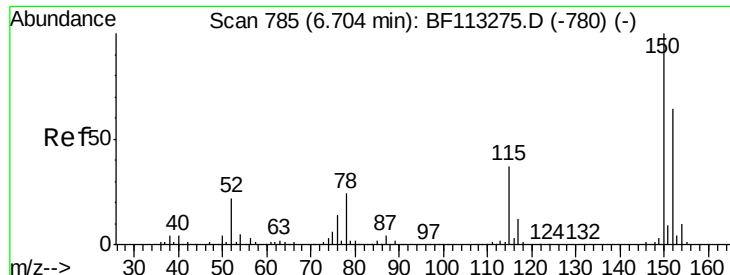
Instrument :
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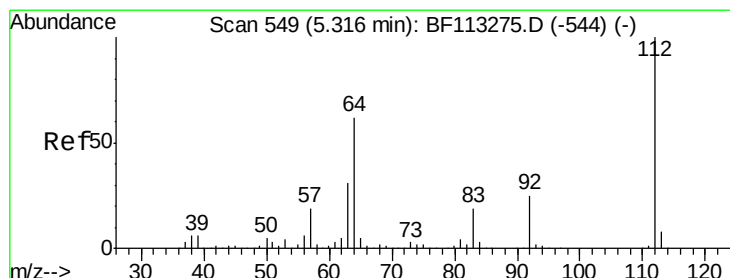
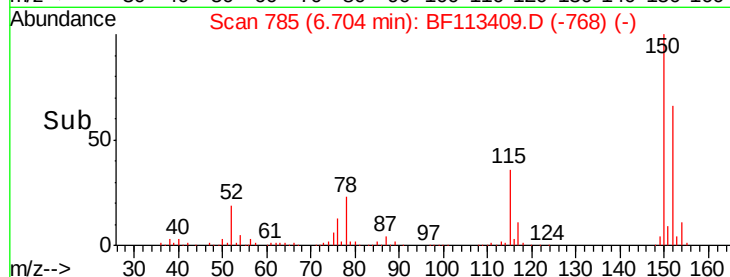
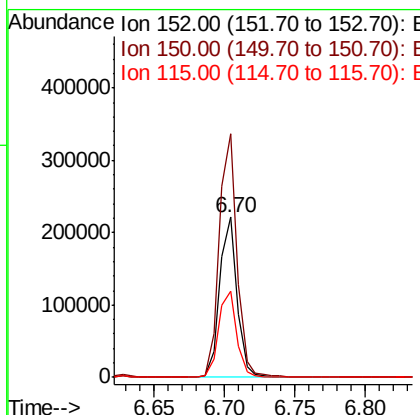
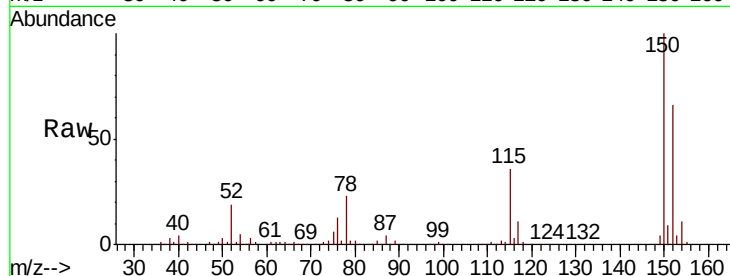
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF113409.D
 Acq: 29 Mar 2019 12:18

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.2	124.7	187.1
115	54.2	46.0	69.0

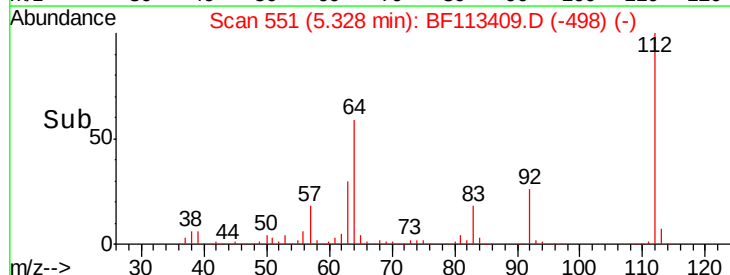
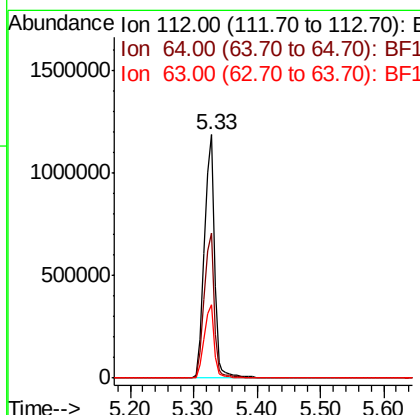
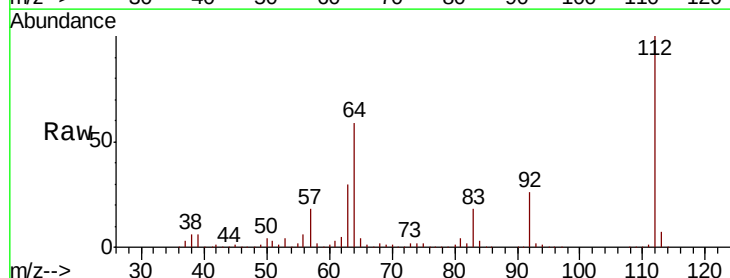
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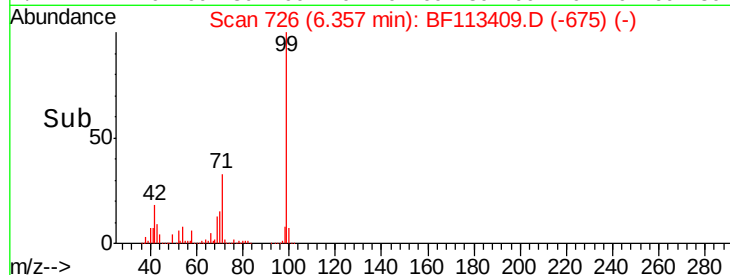
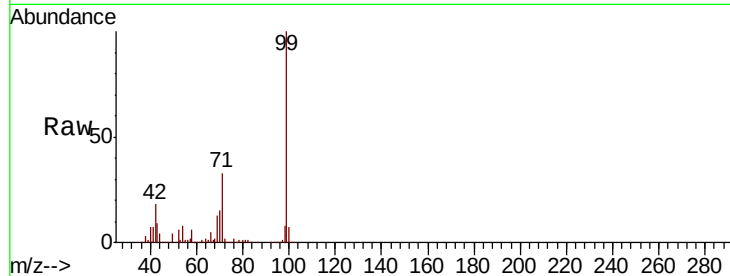
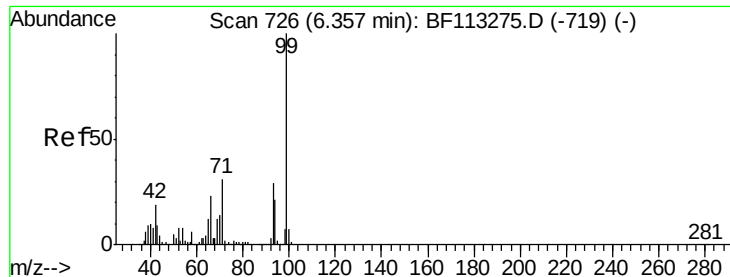
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#5
 2-Fluorophenol
 Concen: 112.360 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF113409.D
 Acq: 29 Mar 2019 12:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	49.2	73.8
63	30.3	24.9	37.3





#7

Phenol-d6

Concen: 114.945 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113409.D

Acq: 29 Mar 2019 12:18

Tgt Ion:	99	Resp:	1704125
Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.8	22.2
71	32.6	24.9	37.3

Instrument :

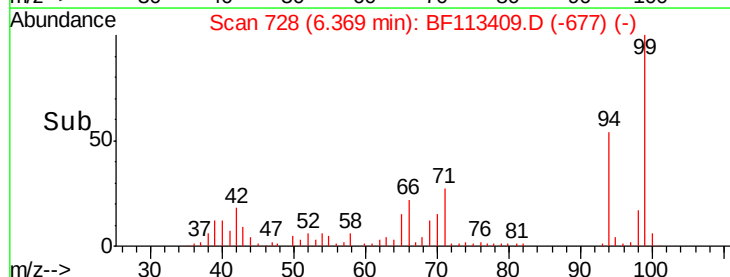
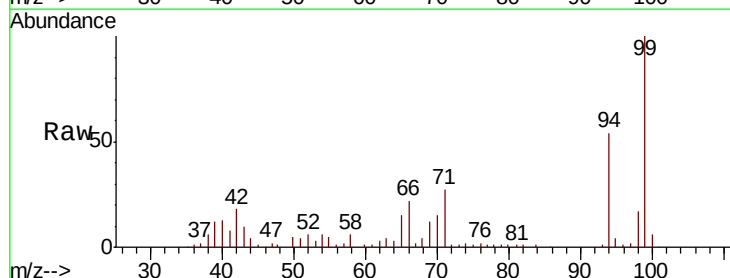
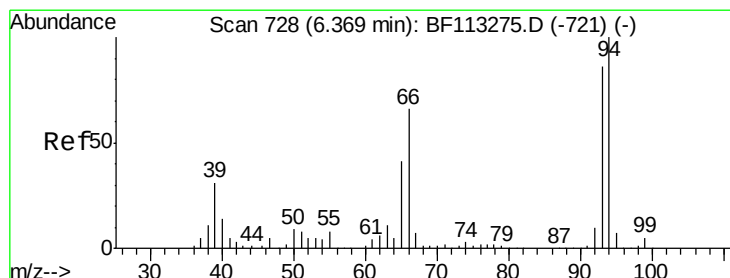
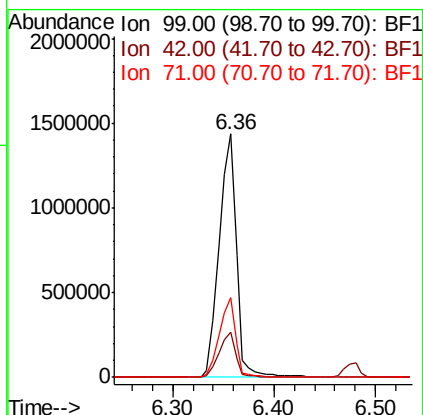
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ClientSampleId :

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#10

Phenol

Concen: 2.702 ng

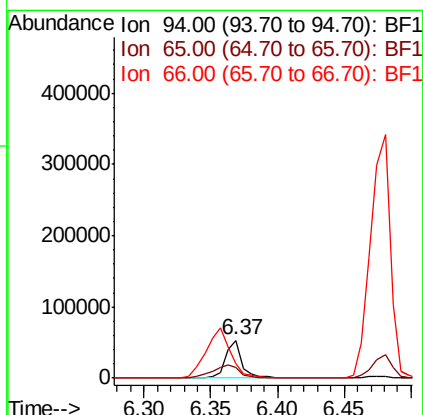
RT: 6.37 min Scan# 728

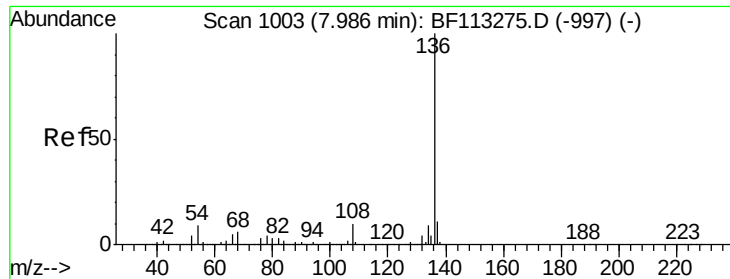
Delta R.T. -0.00 min

Lab File: BF113409.D

Acq: 29 Mar 2019 12:18

Tgt Ion:	94	Resp:	45733
Ion	Ratio	Lower	Upper
94	100		
65	27.2	21.4	61.4
66	40.2	46.4	86.4#





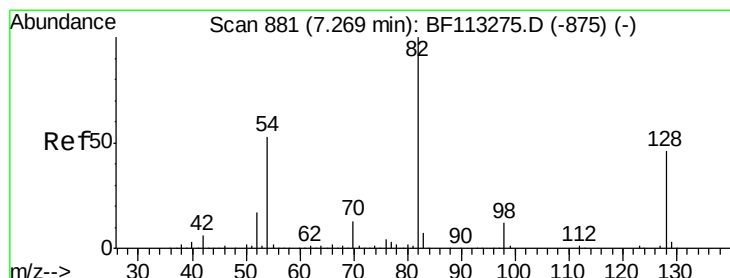
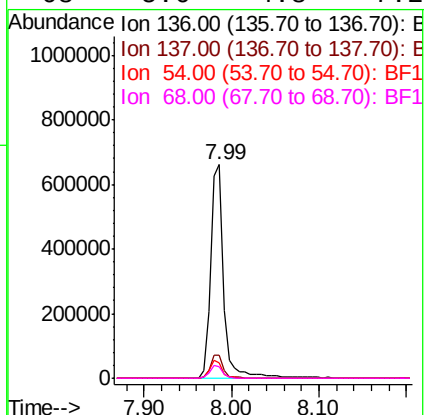
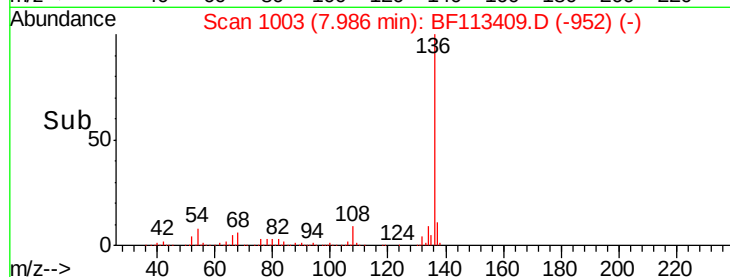
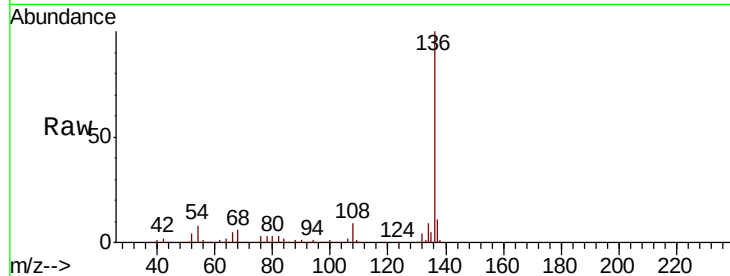
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF113409.D
Acq: 29 Mar 2019 12:18

Instrument :
BNA_F
ClientSampleId :
SSSI-0328-S-DH-5-T

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	690249		
137	11.0	8.9	13.3	
54	7.5	7.0	10.6	
68	5.6	4.8	7.2	

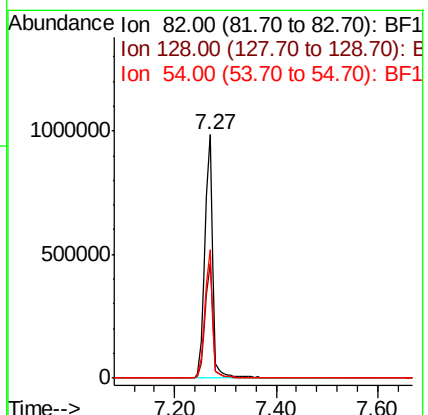
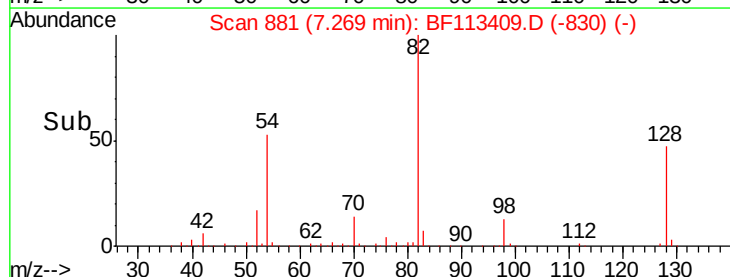
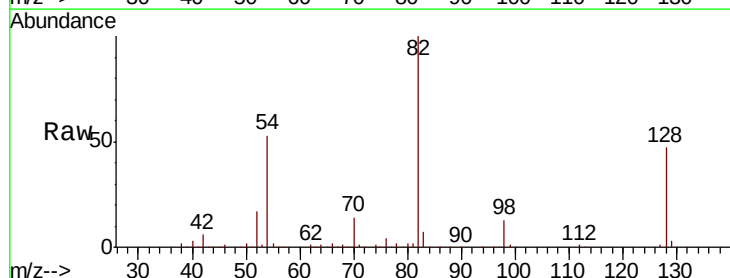
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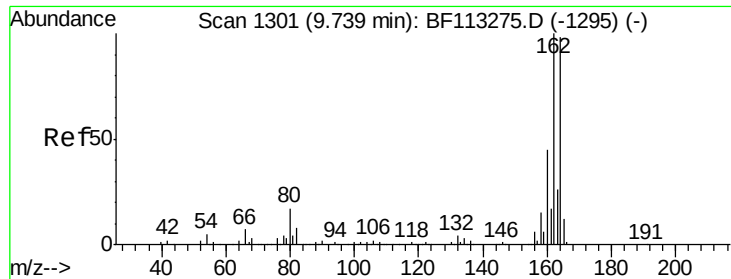
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#23
Nitrobenzene-d5
Concen: 91.881 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113409.D
Acq: 29 Mar 2019 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	1068516		
128	47.2	36.5	54.7	
54	52.7	42.2	63.2	





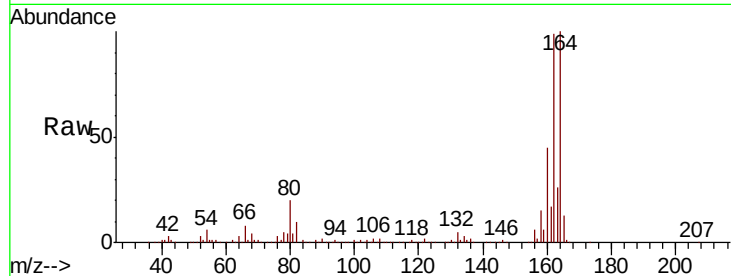
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113409.D
Acq: 29 Mar 2019 12:18

Instrument :
BNA_F
ClientSampleId :
SSSI-0328-S-DH-5-T

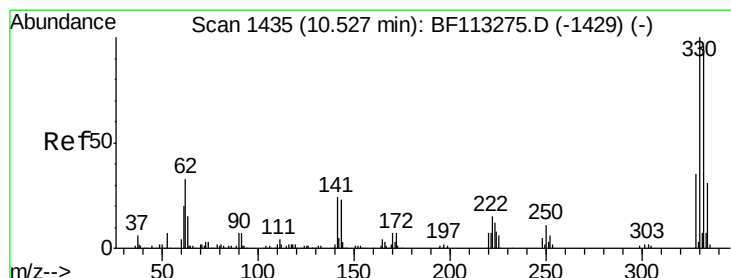
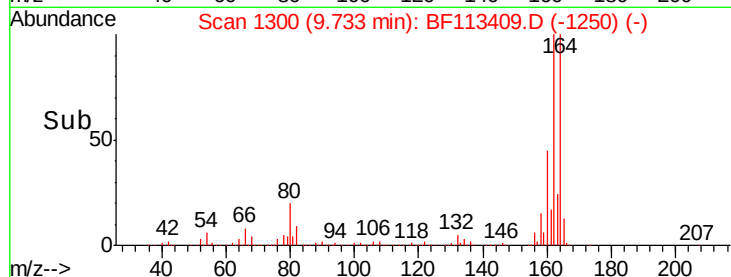
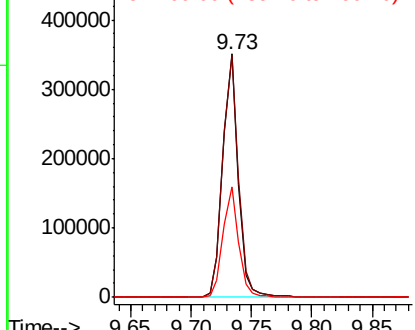
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	312721		
162	99.3	81.8	122.6	
160	45.1	36.4	54.6	

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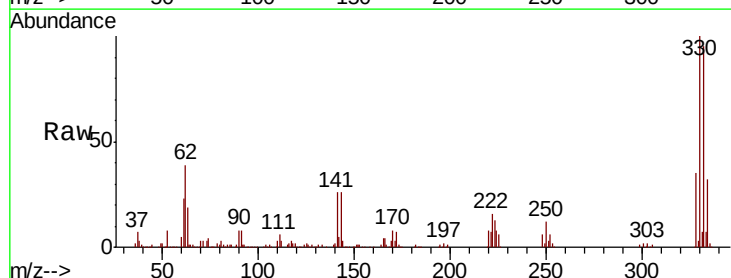


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

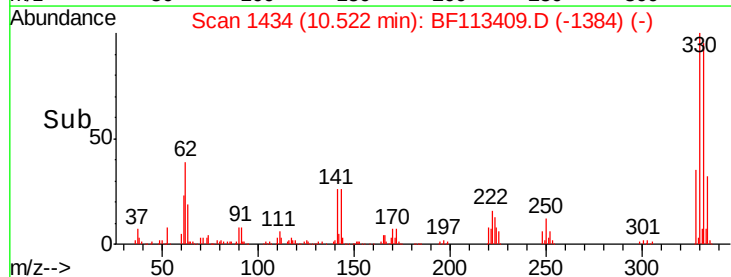
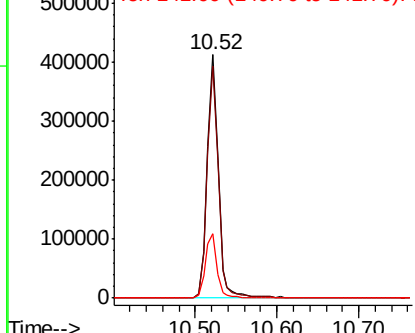


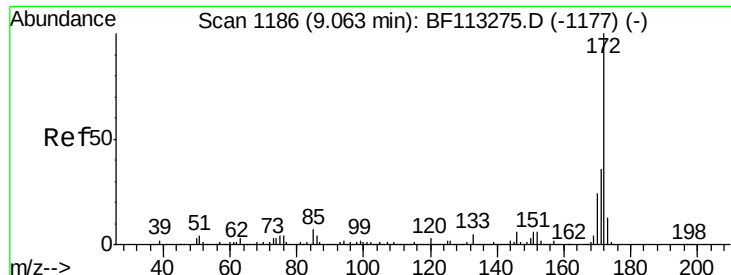
#42
2,4,6-Tribromophenol
Concen: 102.466 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF113409.D
Acq: 29 Mar 2019 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	395808		
332	96.6	77.8	116.6	
141	27.6	22.7	34.1	



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





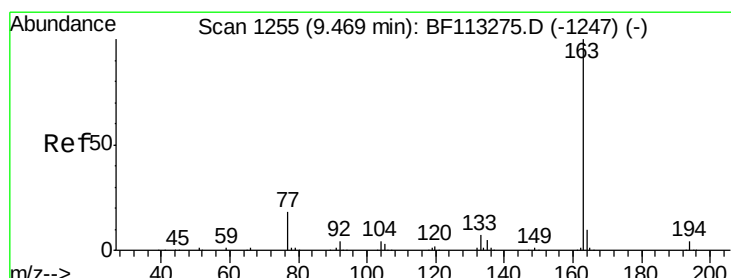
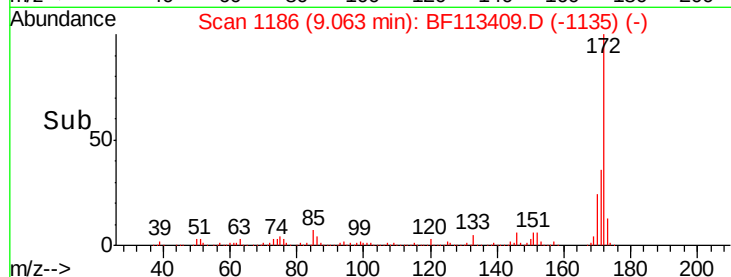
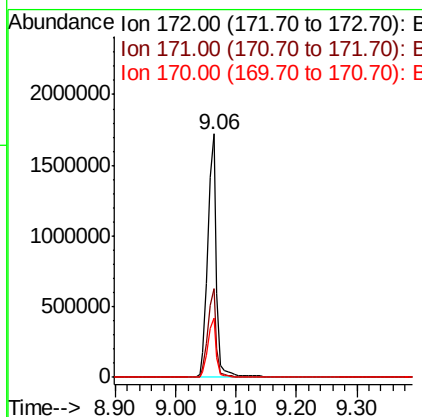
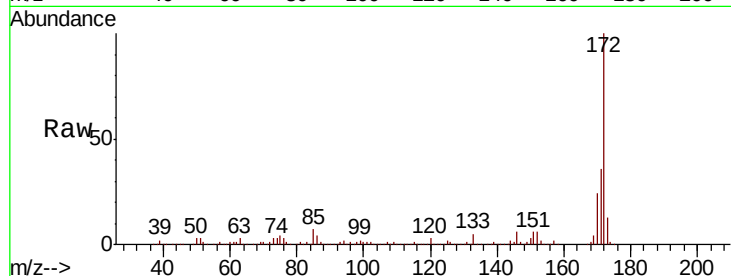
#45
2-Fluorobiphenyl
Concen: 87.928 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113409.D
Acq: 29 Mar 2019 12:18

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.3	19.5	29.3

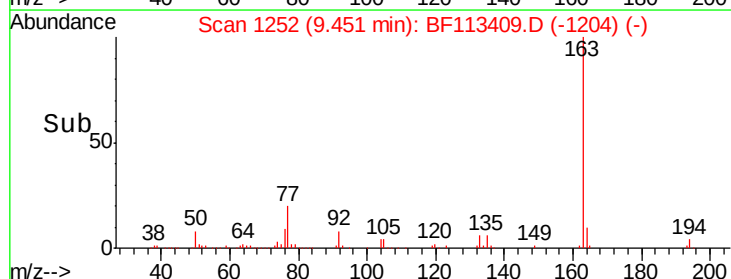
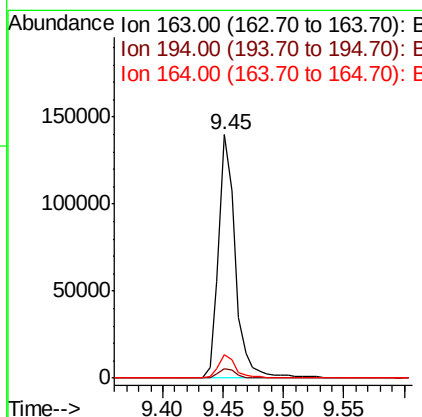
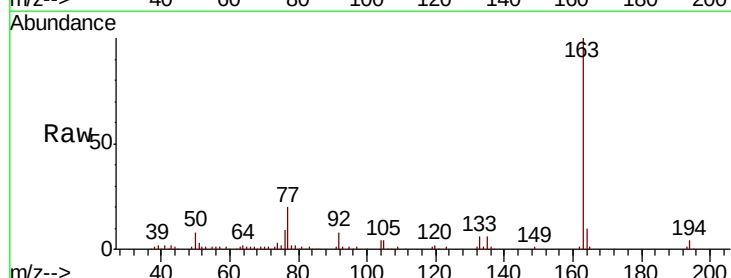
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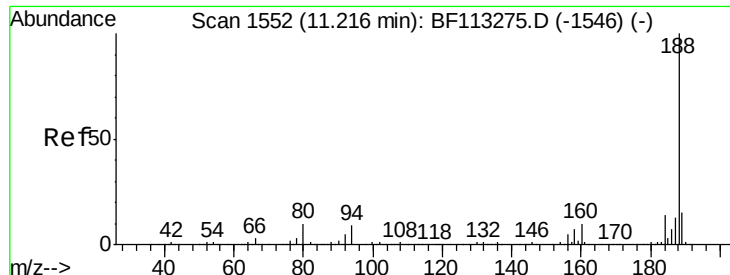
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#50
Dimethylphthalate
Concen: 5.799 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF113409.D
Acq: 29 Mar 2019 12:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	9.6	8.1	12.1





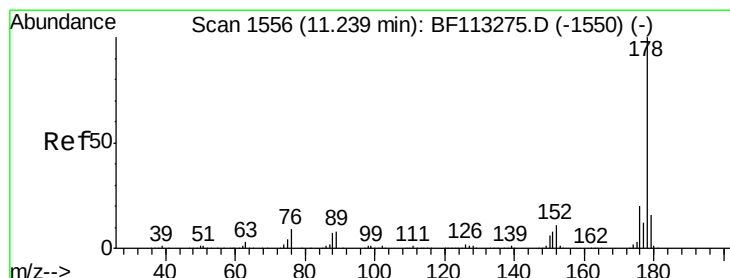
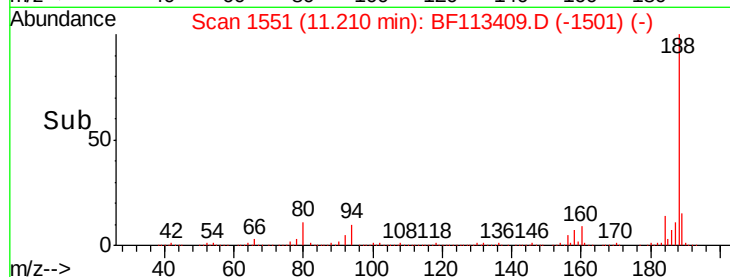
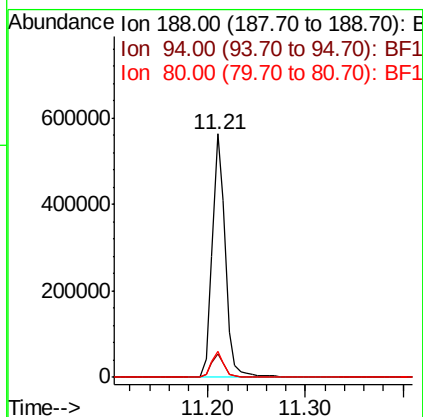
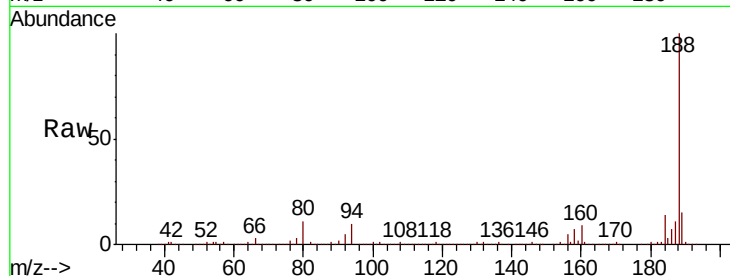
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF113409.D
 Acq: 29 Mar 2019 12:18

Instrument :
 BNA_F
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 SSSI-0328-S-DH-5-T

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	524297		
94	9.7		7.0	10.6
80	10.6		7.7	11.5

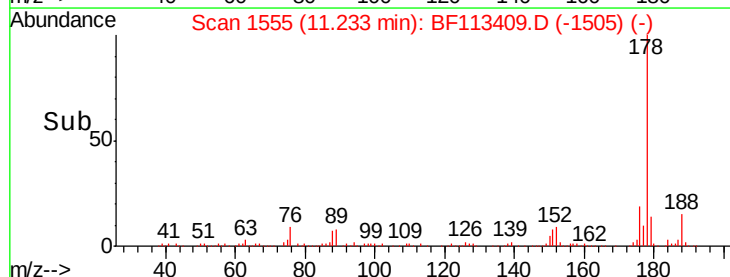
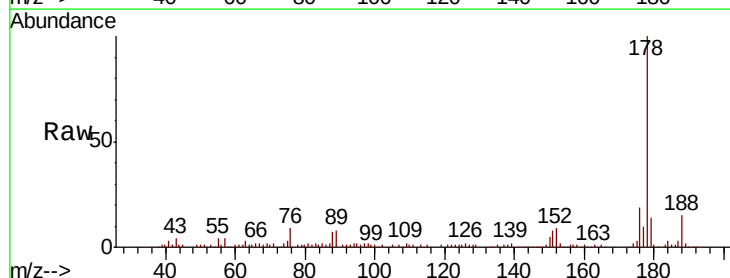
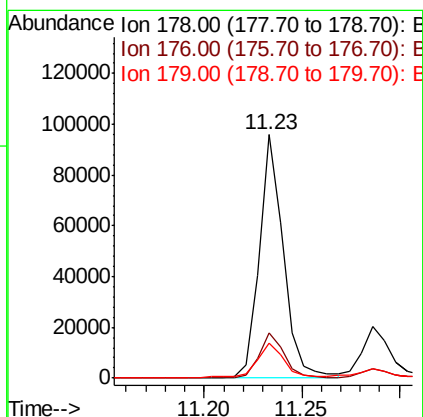
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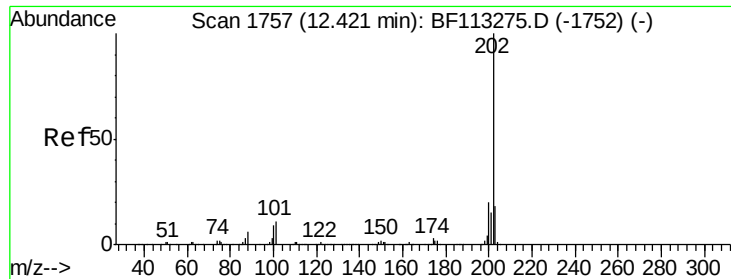
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#71
 Phenanthrene
 Concen: 3.153 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF113409.D
 Acq: 29 Mar 2019 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	82084		
176	18.6		16.2	24.2
179	14.4		12.7	19.1





#75

Fluoranthene

Concen: 4.704 ng

RT: 12.42 min Scan# 1757

Delta R.T. -0.00 min

Lab File: BF113409.D

Acq: 29 Mar 2019 12:18

Instrument :

BNA_F

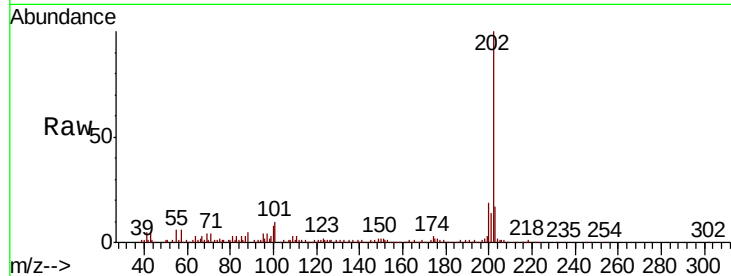
ClientSampleId :

SSSI-0328-S-DH-5-T

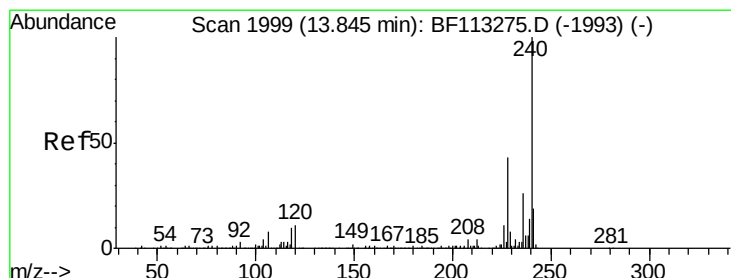
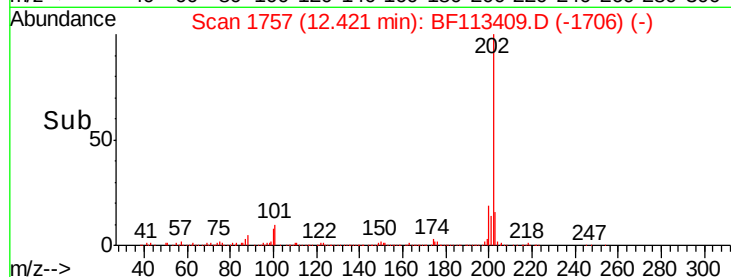
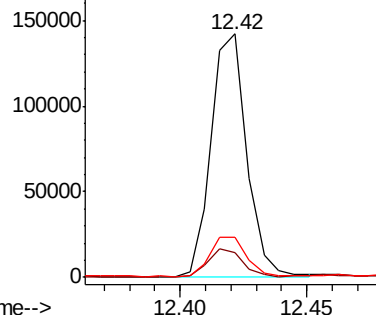
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		138469		
101	10.1	0.0	31.4		
203	16.7	0.0	38.0		

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

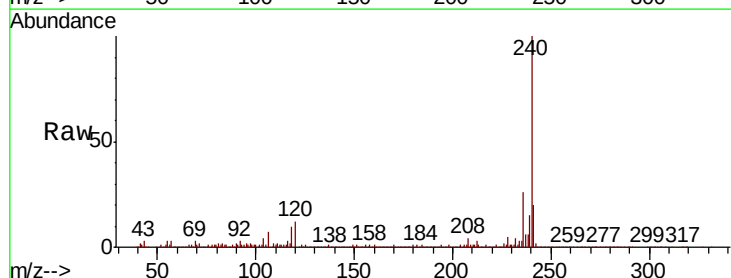
RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

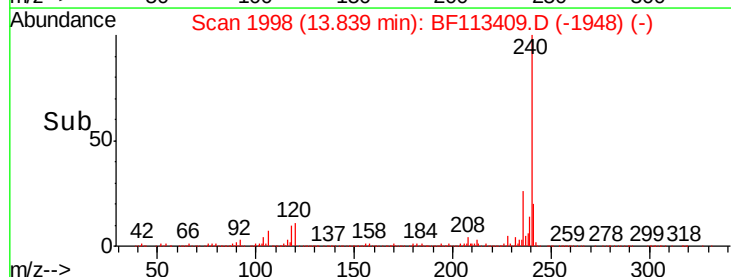
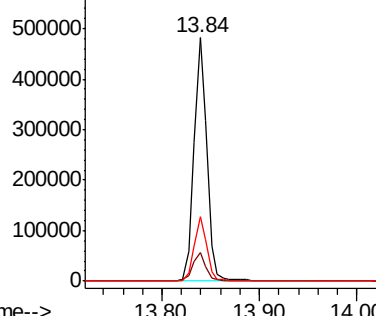
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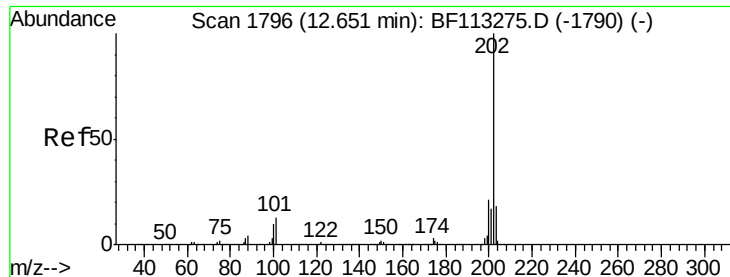
Acq: 29 Mar 2019 12:18

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		442861		
120	11.6	8.8	13.2		
236	26.3	20.9	31.3		



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Pyrene

Concen: 4.228 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF113409.D

Acq: 29 Mar 2019 12:18

Instrument :

BNA_F

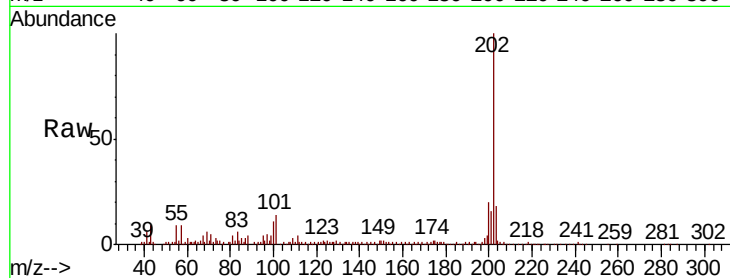
ClientSampleId :

SSSI-0328-S-DH-5-T

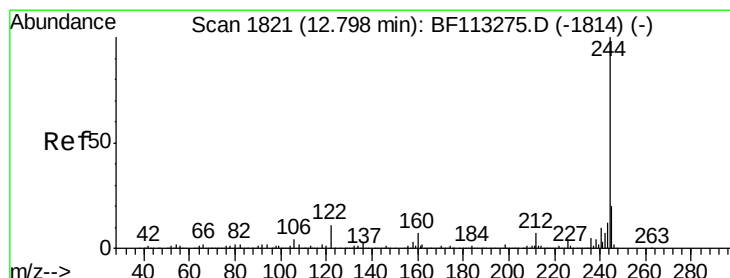
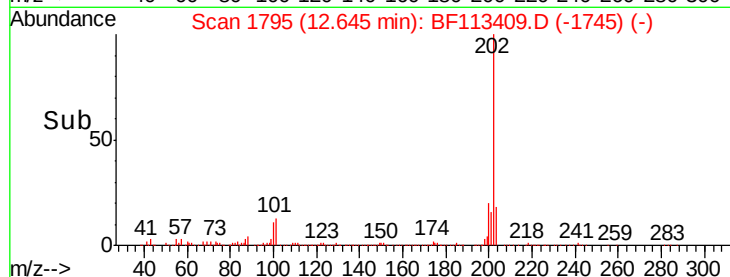
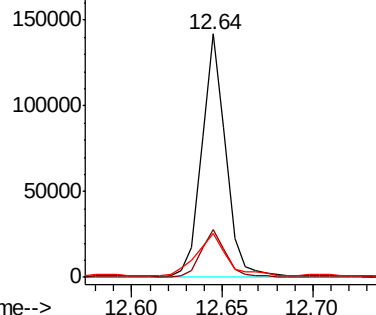
Tgt Ion:	202	Resp:	129746
Ion Ratio	Lower	Upper	
202	100		
200	19.8	16.8	25.2
203	18.3	14.4	21.6

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 68.576 ng

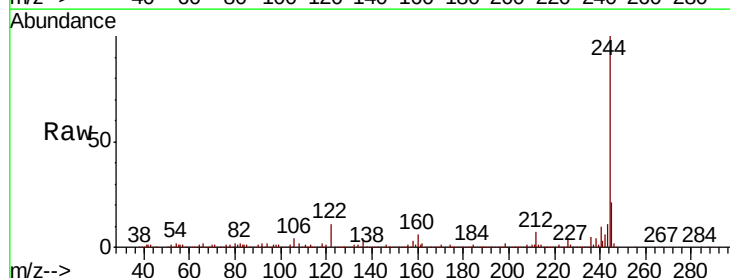
RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

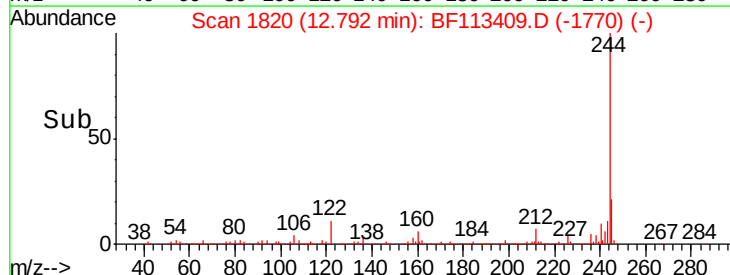
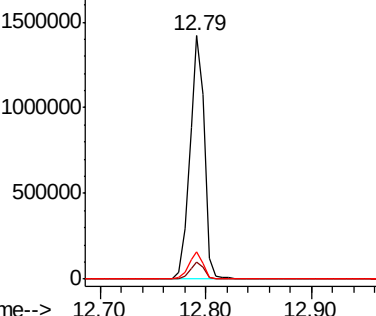
Lab File: BF113409.D

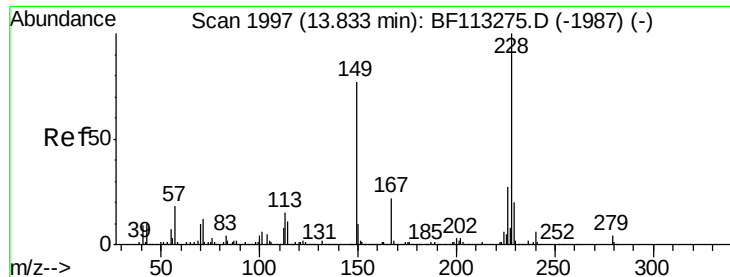
Acq: 29 Mar 2019 12:18

Tgt Ion:	244	Resp:	1377824
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.5	8.3
122	11.5	8.6	13.0



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





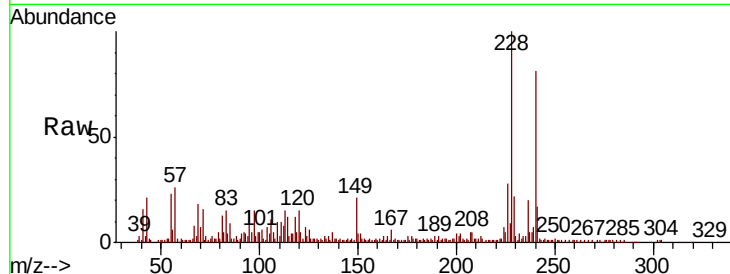
#81
Benzo(a)anthracene
Concen: 2.988 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF113409.D
Acq: 29 Mar 2019 12:18

Instrument :
BNA_F
ClientSampleId :
SSSI-0328-S-DH-5-T

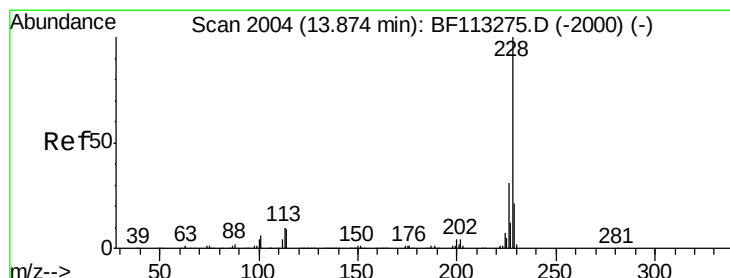
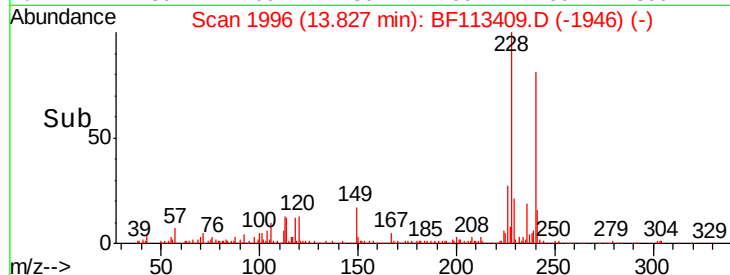
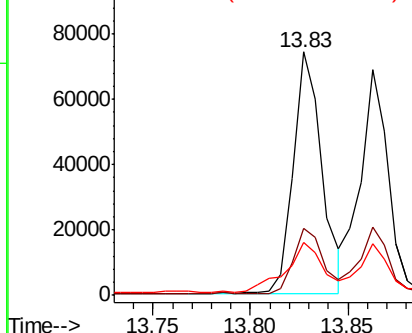
Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.8
229	21.8	16.2	24.4

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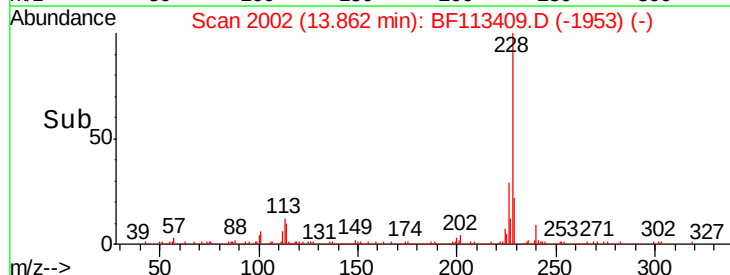
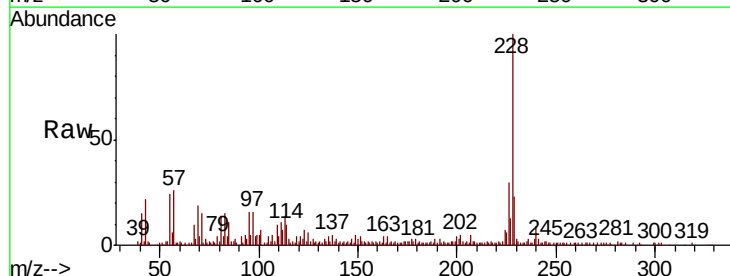
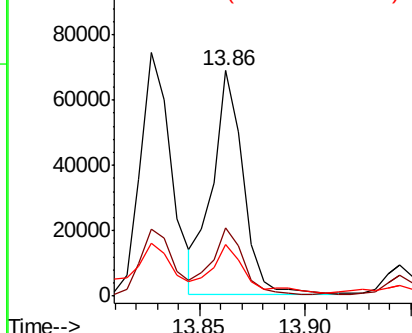
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

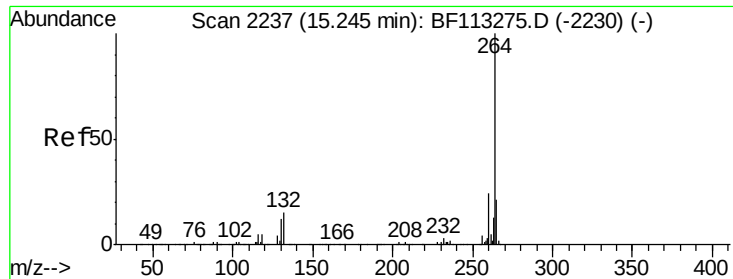


#83
Chrysene
Concen: 2.682 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113409.D
Acq: 29 Mar 2019 12:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.3	36.5
229	23.0	16.3	24.5

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





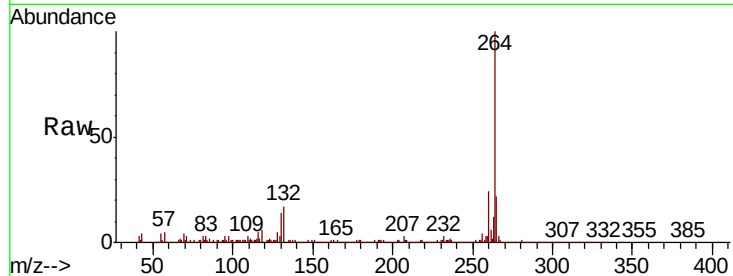
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.00 min
Lab File: BF113409.D
Acq: 29 Mar 2019 12:18

Instrument :
BNA_F
ClientSampleId :
SSSI-0328-S-DH-5-T

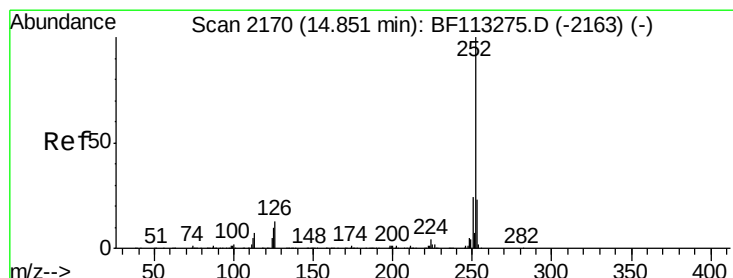
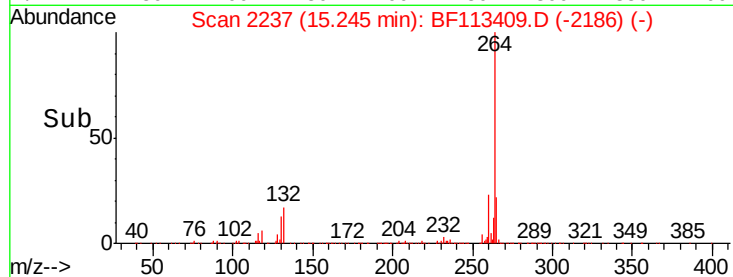
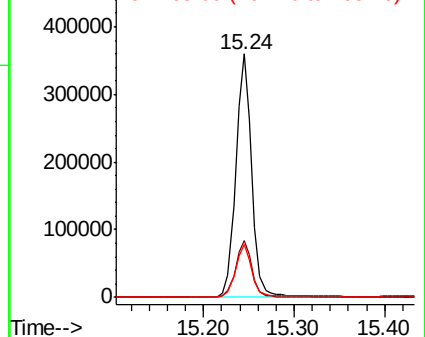
Tgt Ion	Ratio	Resp	Lower	Upper
264	100	440804		
260	23.5	19.1	28.7	
265	21.9	17.1	25.7	

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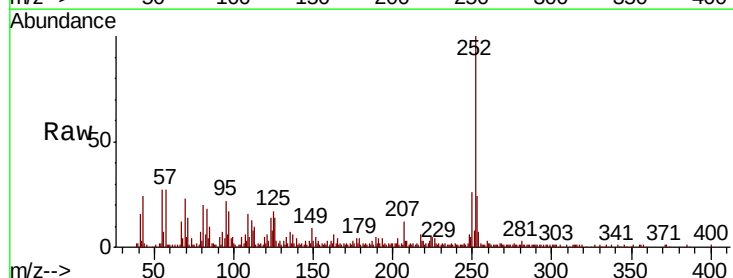


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

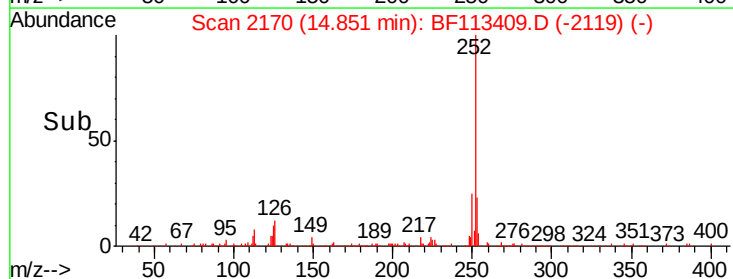
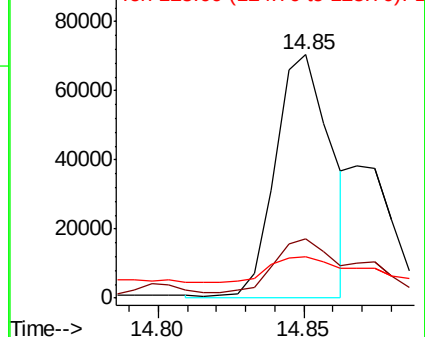


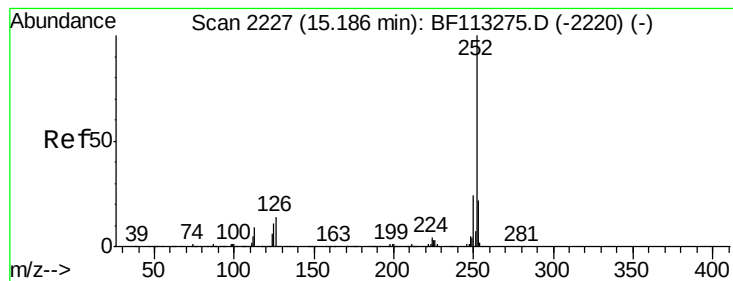
#88
Benzo(b)fluoranthene
Concen: 3.416 ng m
RT: 14.85 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BF113409.D
Acq: 29 Mar 2019 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	93544		
253	24.2	18.0	27.0	
125	17.2	7.6	11.4	



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





#90

Benzo(a)pyrene

Concen: 2.799 ng

RT: 15.19 min Scan# 2227

Delta R.T. -0.00 min

Lab File: BF113409.D

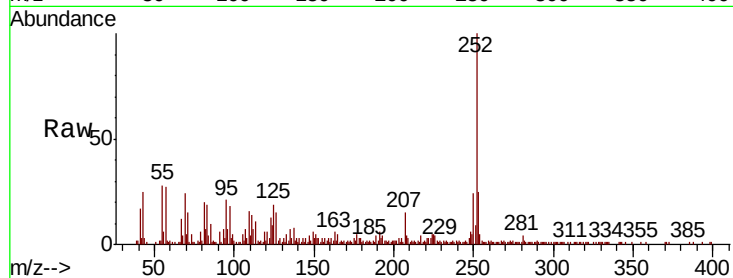
Acq: 29 Mar 2019 12:18

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.9	26.9
125	18.5	8.8	13.2

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