

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
 Data File : BF114543.D
 Acq On : 24 May 2019 00:14
 Operator : JU/SJ
 Sample : K2753-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-5

Manual Integrations
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mohammad
 5/24/2019 1:36:44 PM

Quant Time: May 24 08:09:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	139706	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	548993	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	269570	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	584477	20.00	ng	0.00
76) Chrysene-d12	13.98	240	421492	20.00	ng	0.00
87) Perylene-d12	15.44	264	394448	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	922290	106.24	ng	0.00
7) Phenol-d6	6.46	99	1222847	119.10	ng	0.00
23) Nitrobenzene-d5	7.37	82	728055	74.42	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	319323	114.58	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1372546	77.02	ng	0.00
79) Terphenyl-d14	12.92	244	1621540	79.31	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	109015	5.509	ng	98
71) Phenanthrene	11.36	178	140726	4.949	ng	96
75) Fluoranthene	12.55	202	171258	5.593	ng	98
78) Pyrene	12.78	202	145826	4.301	ng	98
81) Benzo(a)anthracene	13.97	228	59406	2.179	ng	97
88) Benzo(b)fluoranthene	15.02	252	54959m	2.175	ng	

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

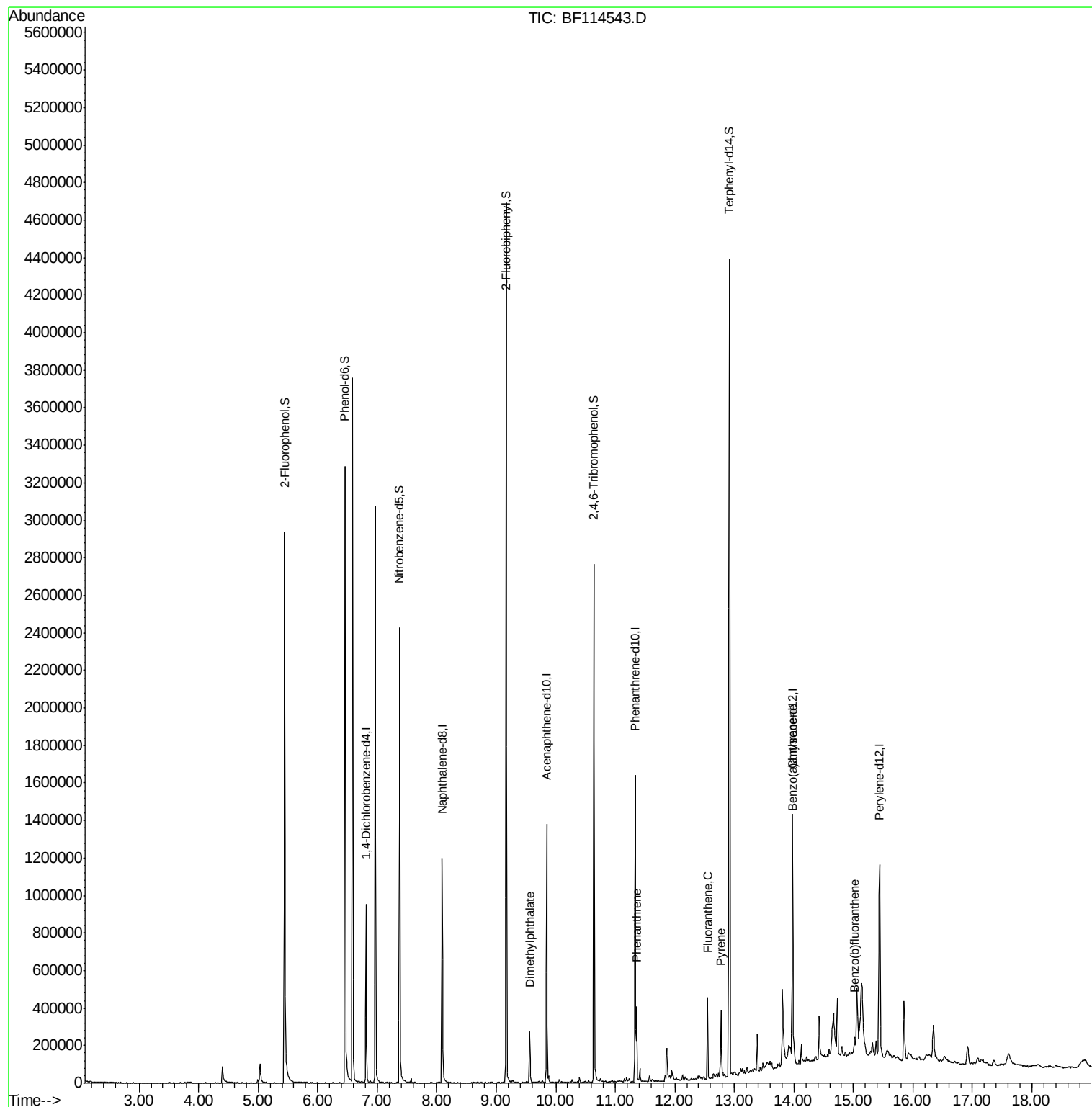
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
Data File : BF114543.D
Acq On : 24 May 2019 00:14
Operator : JU/SJ
Sample : K2753-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

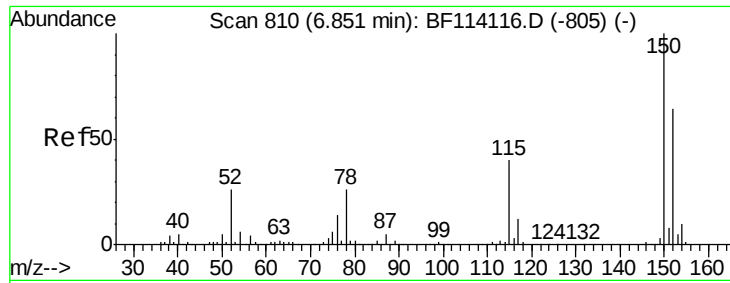
Instrument :
BNA_F
ClientSampleId :
CONCRETE-5

Manual Integrations
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Quant Time: May 24 08:09:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration





#1

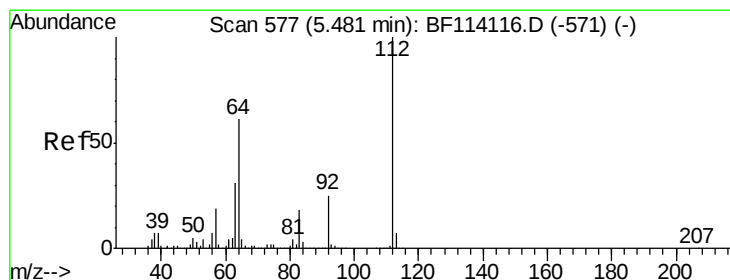
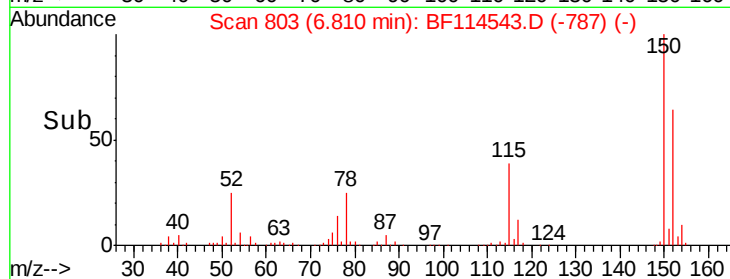
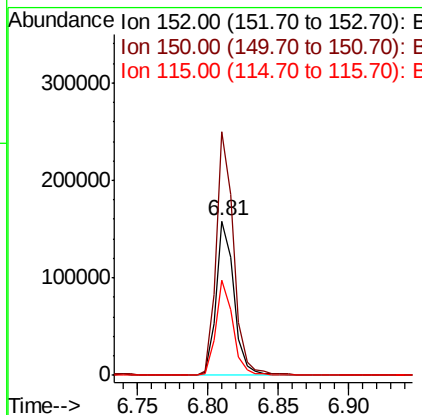
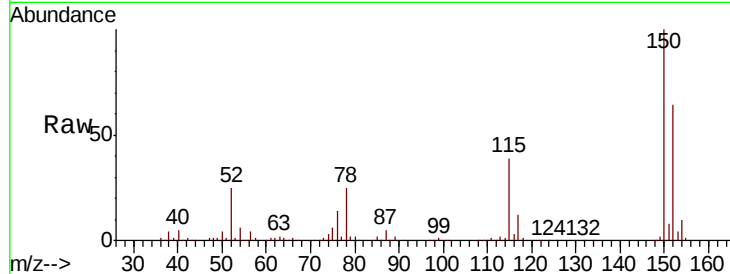
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114543.D
Acq: 24 May 2019 00:14

Instrument :
BNA_F
ClientSampleId :
CONCRETE-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.3	186.5
115	61.5	49.1	73.7

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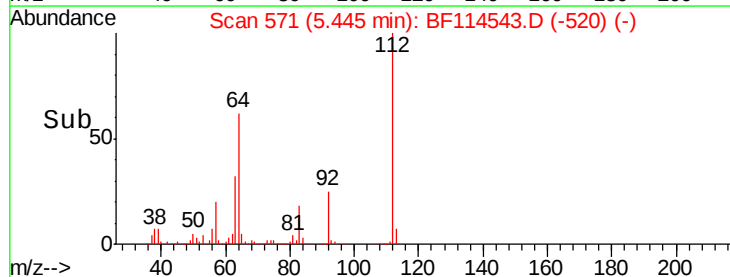
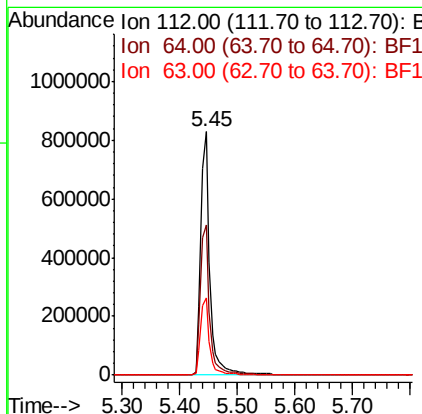
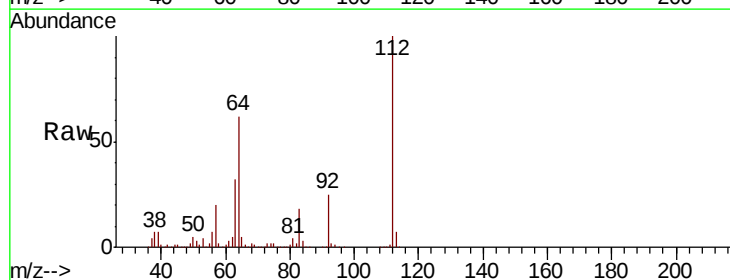
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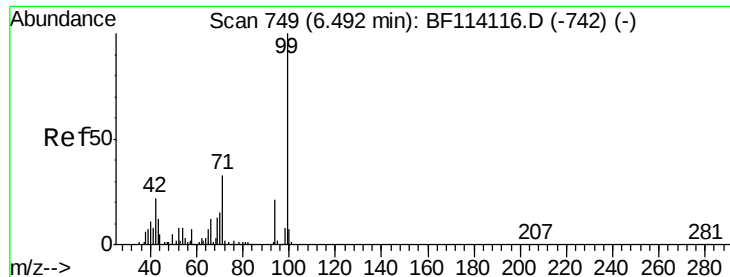


#5

2-Fluorophenol
Concen: 106.238 ng
RT: 5.45 min Scan# 571
Delta R.T. -0.00 min
Lab File: BF114543.D
Acq: 24 May 2019 00:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.7	49.0	73.6
63	31.9	24.6	37.0





#7

Phenol-d6

Concen: 119.096 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF114543.D

Acq: 24 May 2019 00:14

Instrument :

BNA_F

ClientSampleId :

CONCRETE-5

Tot Ion: 99 Resp: 1222847

Ion Ratio Lower Upper

99 100

42 22.3 17.9 26.9

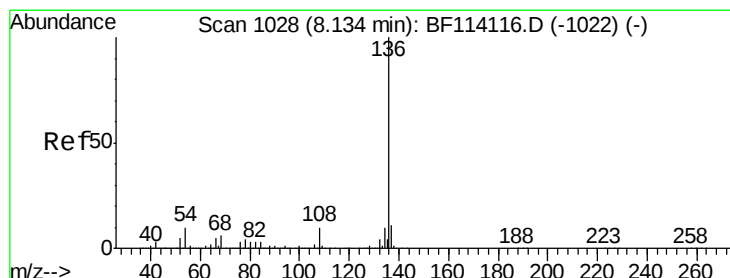
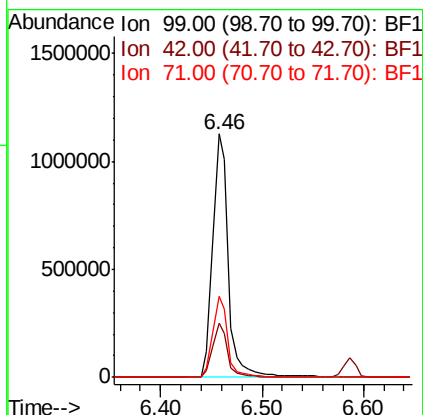
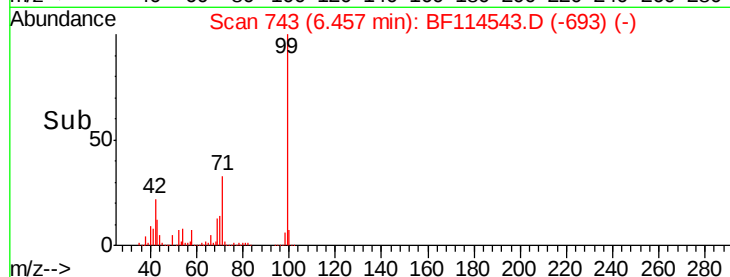
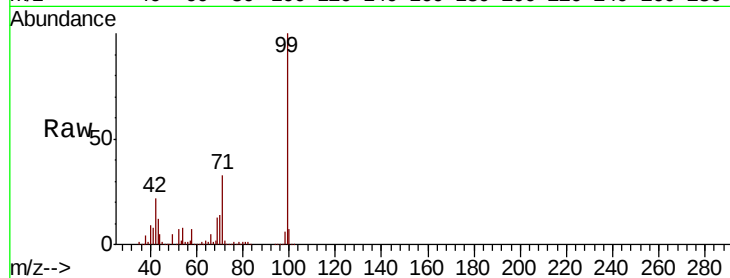
71 33.5 26.2 39.2

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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: BF114543.D

Acq: 24 May 2019 00:14

Tgt Ion: 136 Resp: 548993

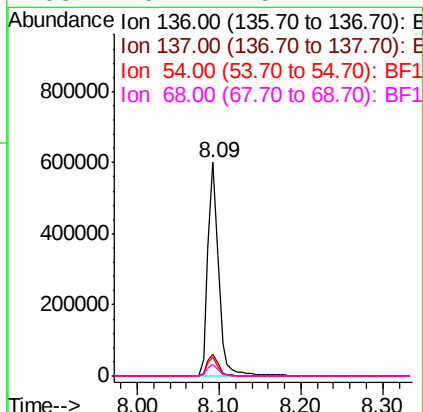
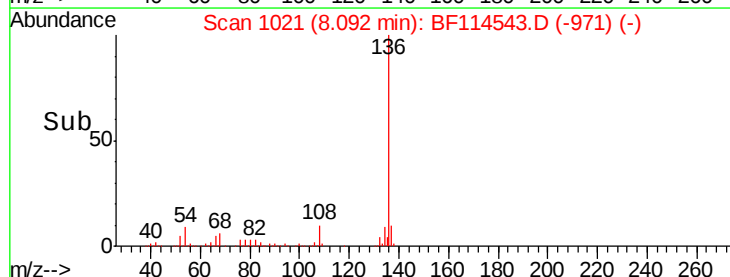
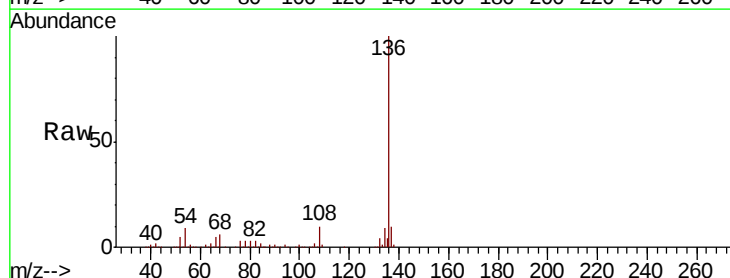
Ion Ratio Lower Upper

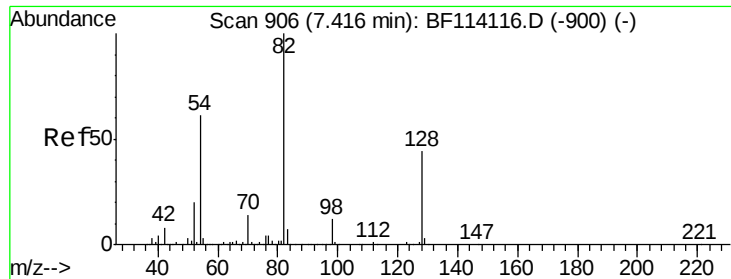
136 100

137 10.5 8.8 13.2

54 9.1 7.8 11.8

68 5.7 5.1 7.7





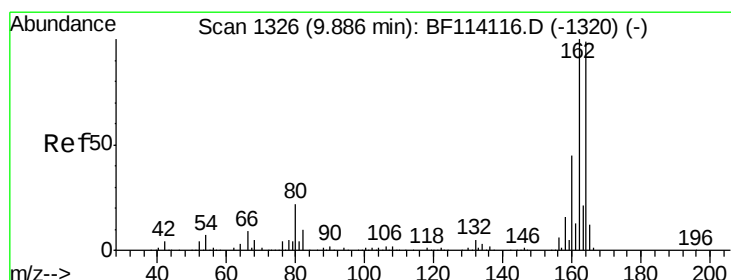
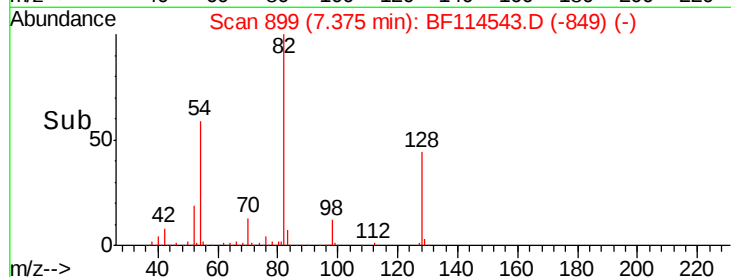
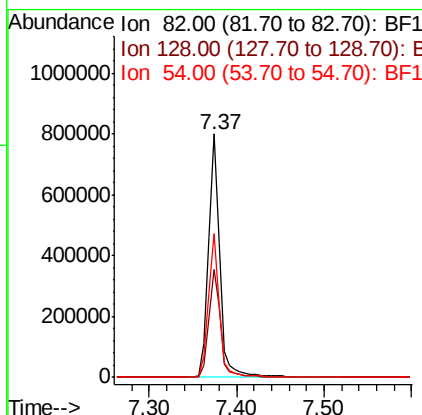
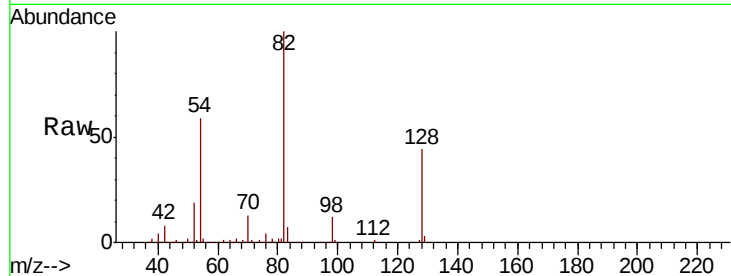
#23
Nitrobenzene-d5
Concen: 74.424 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF114543.D
Acq: 24 May 2019 00:14

Instrument :
BNA_F
ClientSampled :
CONCRETE-5

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.5	53.3
54	59.1	48.5	72.7

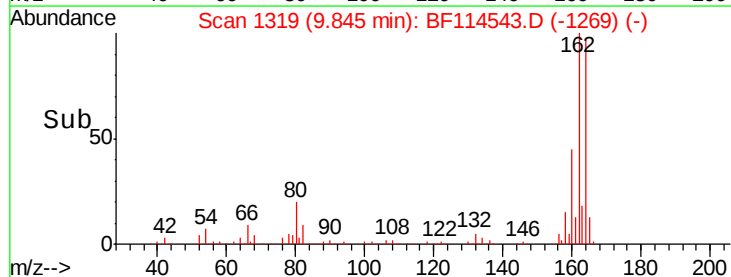
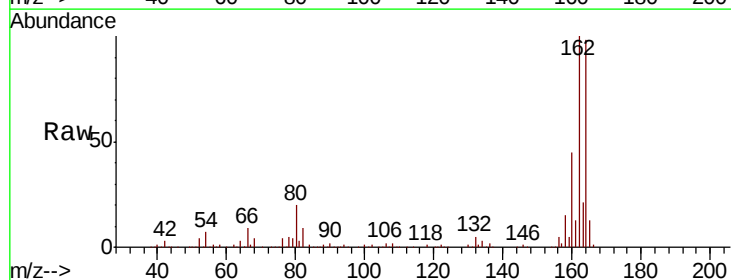
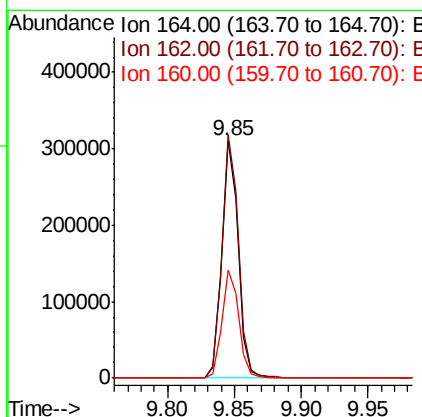
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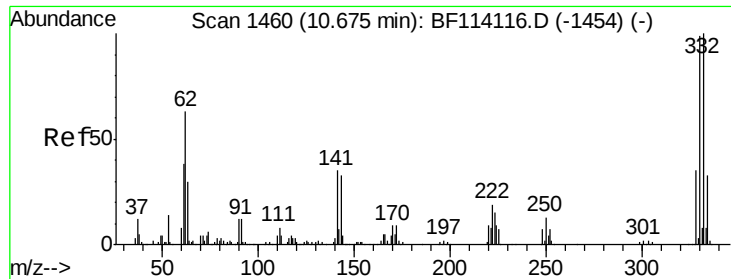
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF114543.D
Acq: 24 May 2019 00:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.6	120.8
160	45.6	36.5	54.7





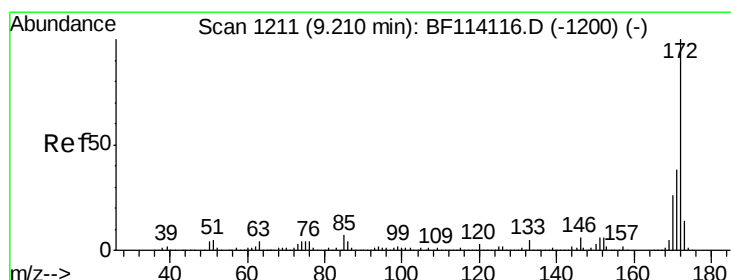
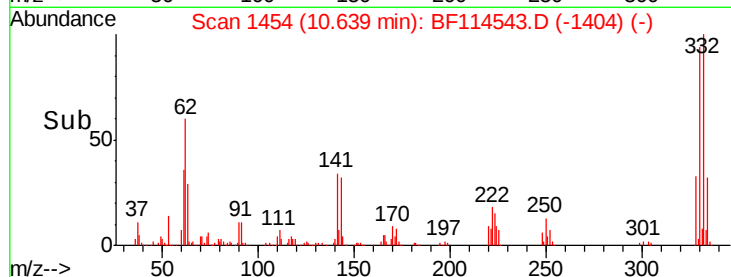
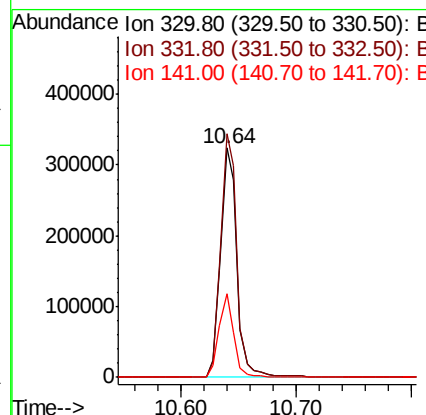
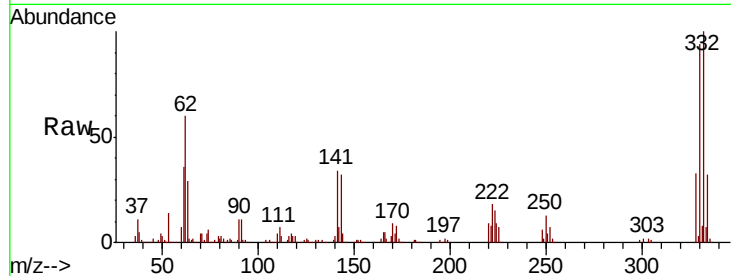
#42
 2,4,6-Tribromophenol
 Concen: 114.580 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF114543.D
 Acq: 24 May 2019 00:14

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-5

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	105.1	81.4	122.2	
141	33.8	26.6	40.0	

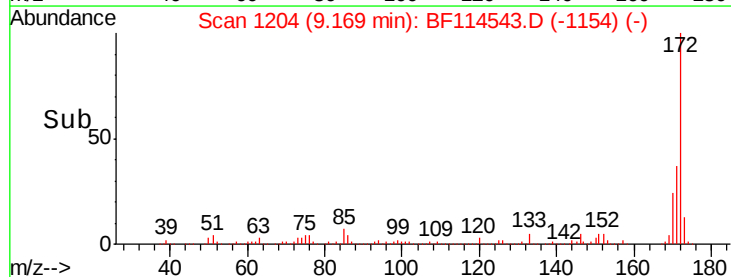
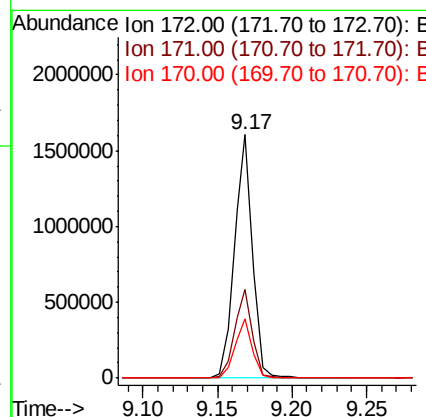
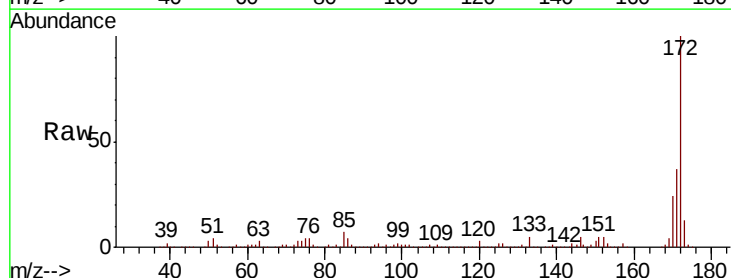
Manual Integrations
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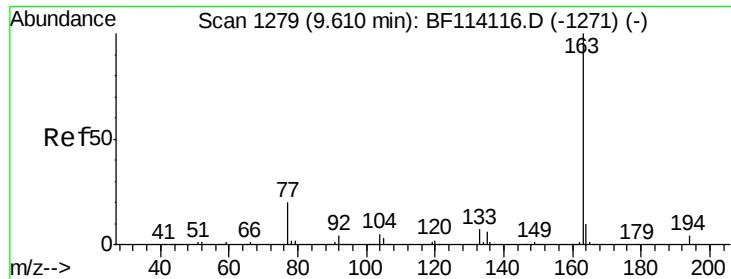
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#45
 2-Fluorobiphenyl
 Concen: 77.019 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF114543.D
 Acq: 24 May 2019 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.6	30.7	46.1	
170	24.4	20.5	30.7	





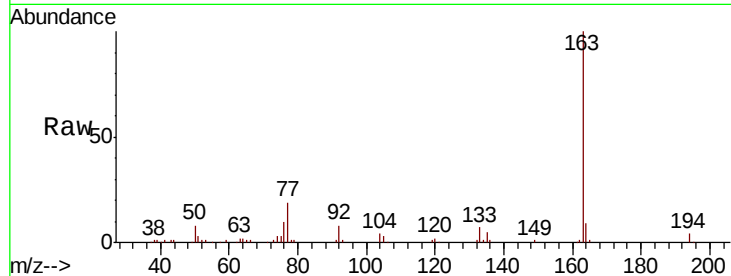
#50
Dimethylphthalate
Concen: 5.509 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF114543.D
Acq: 24 May 2019 00:14

Instrument :
BNA_F
ClientSampleId :
CONCRETE-5

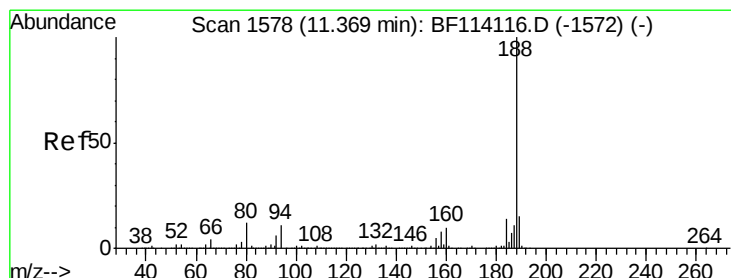
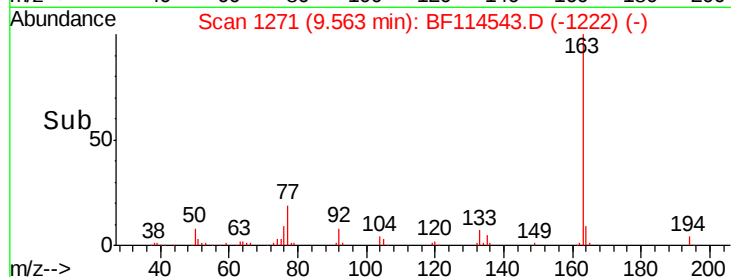
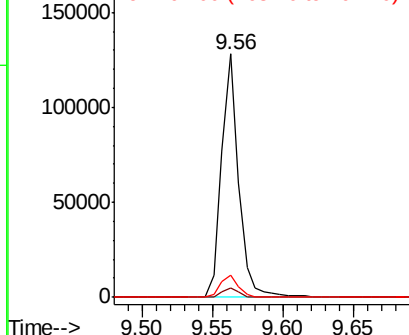
Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100				
194	3.7		3.4	5.0	
164	9.3		8.2	12.2	

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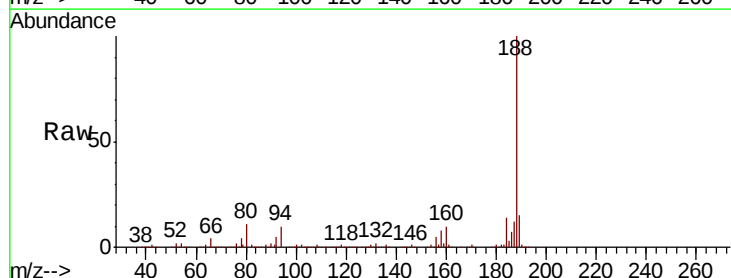


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

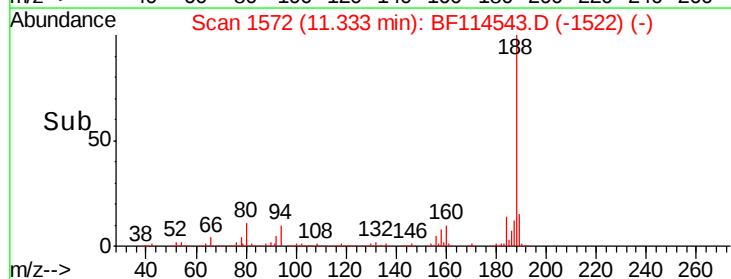
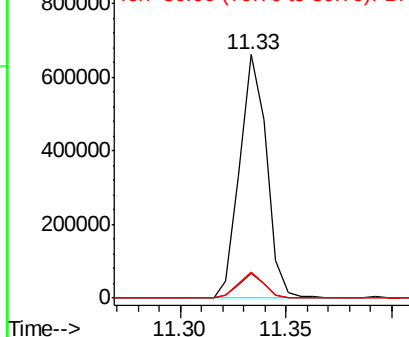


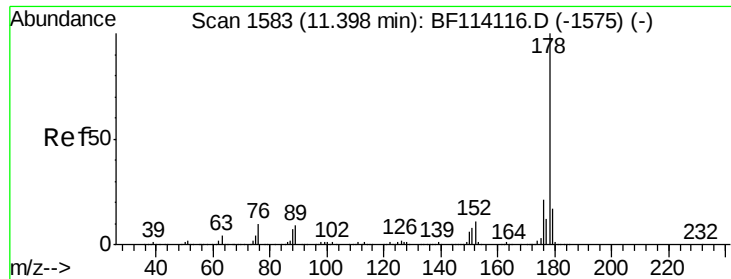
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF114543.D
Acq: 24 May 2019 00:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	10.2		8.4	12.6	
80	10.6		9.2	13.8	



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





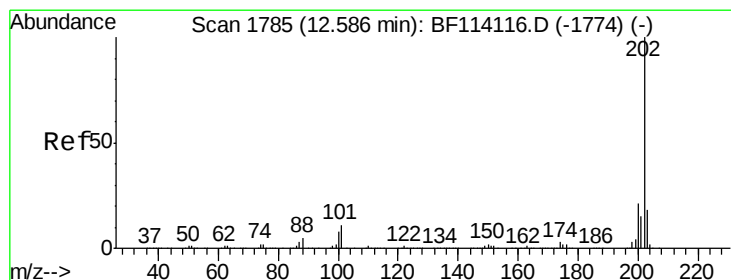
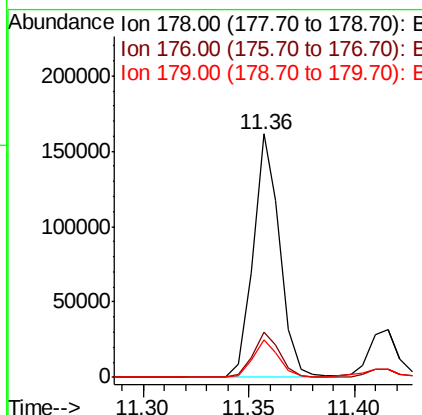
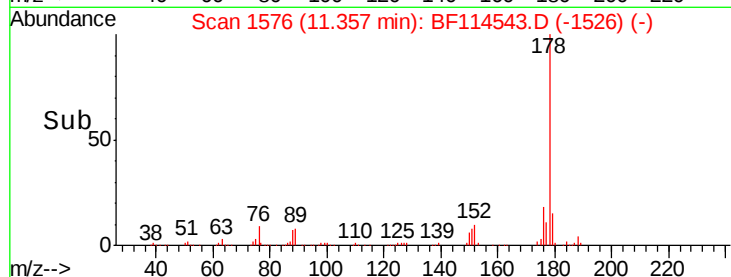
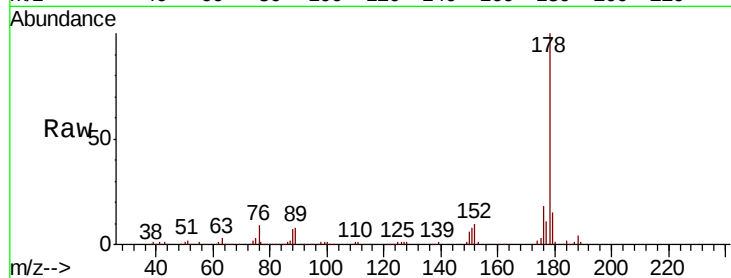
#71
Phenanthrene
Concen: 4.949 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF114543.D
Acq: 24 May 2019 00:14

Instrument :
BNA_F
ClientSampleId :
CONCRETE-5

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.4	24.6
179	15.2	13.2	19.8

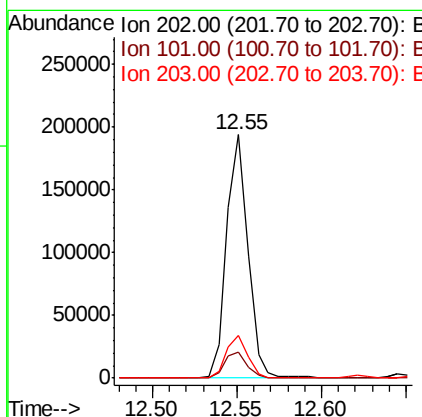
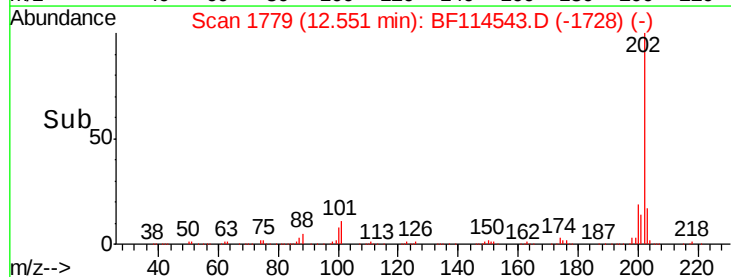
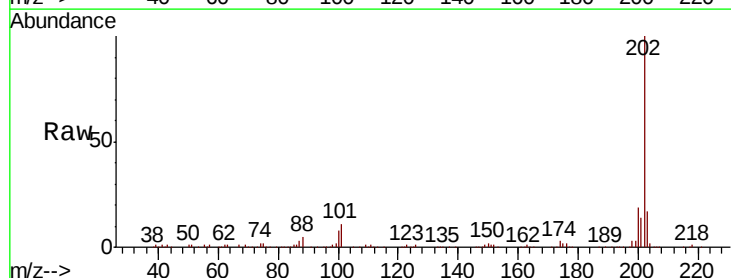
Manual Integrations
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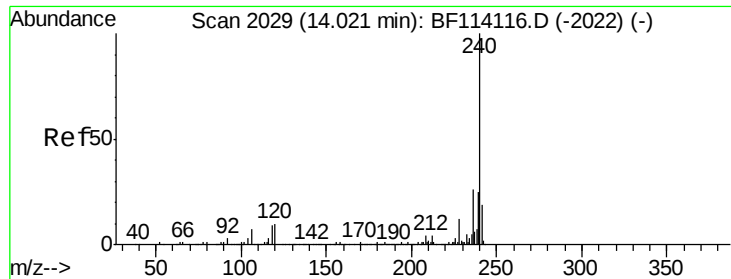
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#75
Fluoranthene
Concen: 5.593 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.00 min
Lab File: BF114543.D
Acq: 24 May 2019 00:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.0
203	17.3	0.0	38.4





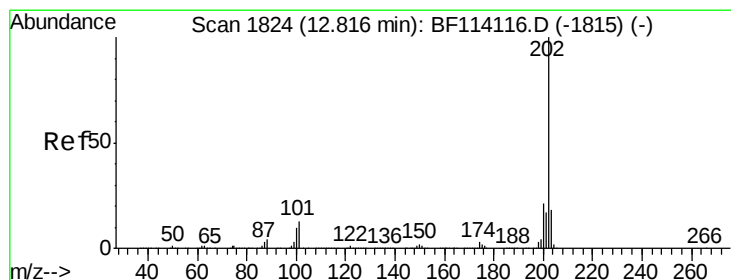
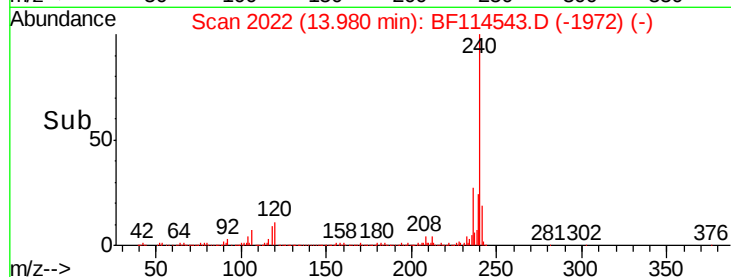
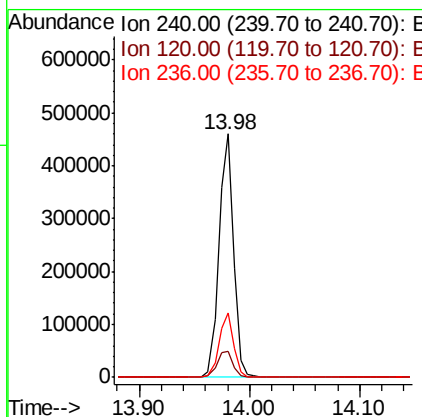
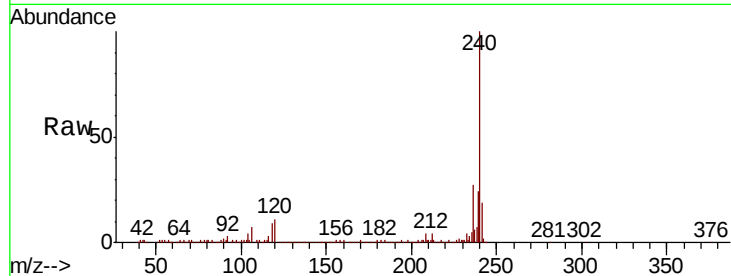
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF114543.D
Acq: 24 May 2019 00:14

Instrument :
BNA_F
ClientSampleId :
CONCRETE-5

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.3	12.5
236	26.5	20.8	31.2

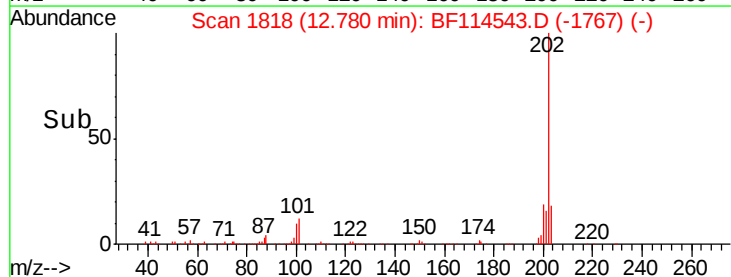
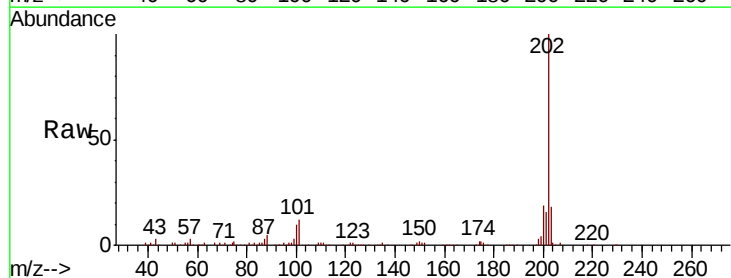
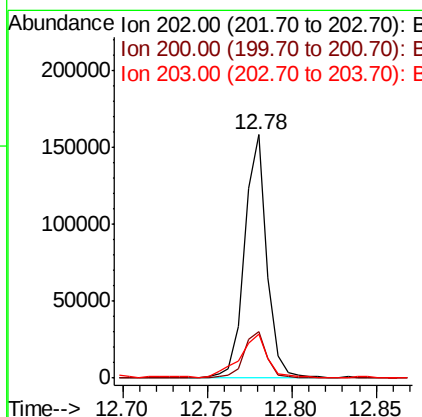
Manual Integrations
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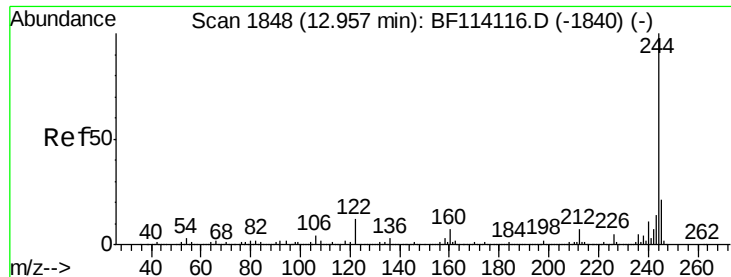
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#78
Pyrene
Concen: 4.301 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF114543.D
Acq: 24 May 2019 00:14

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.0	16.9	25.3
203	18.1	14.5	21.7





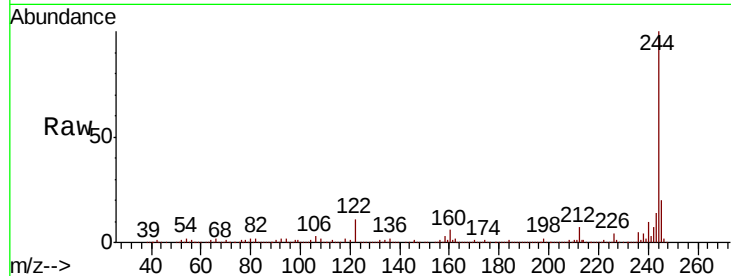
#79
 Terphenyl-d14
 Concen: 79.306 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: BF114543.D
 Acq: 24 May 2019 00:14

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-5

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	10.9	9.4	14.2

Manual Integrations
 APPROVED

mohammad
 5/24/2019 1:36:44 PM

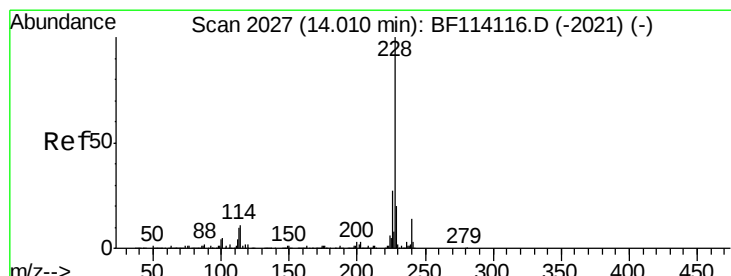
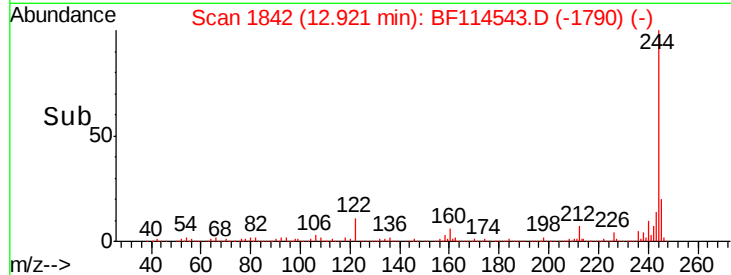
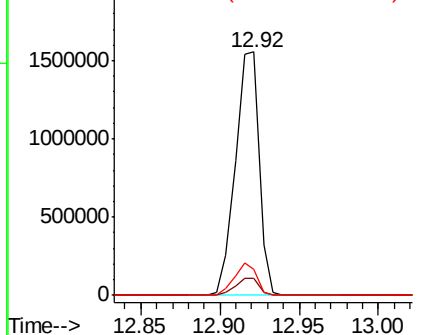


Abundance

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: 2.179 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF114543.D
 Acq: 24 May 2019 00:14

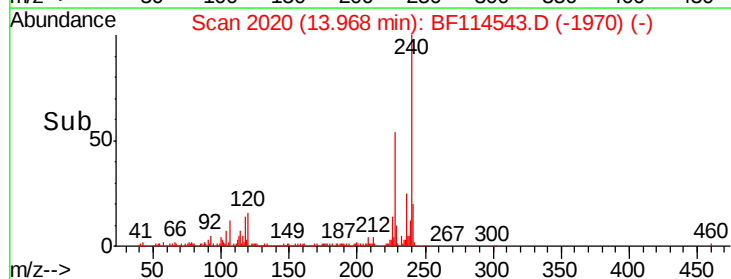
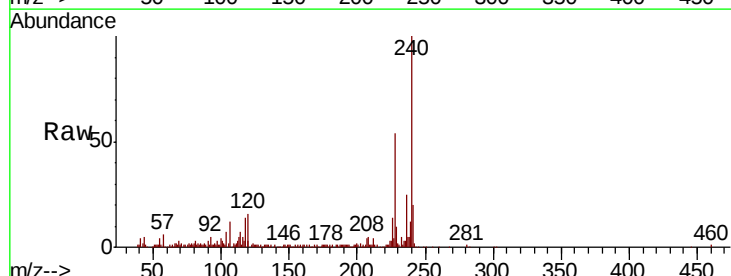
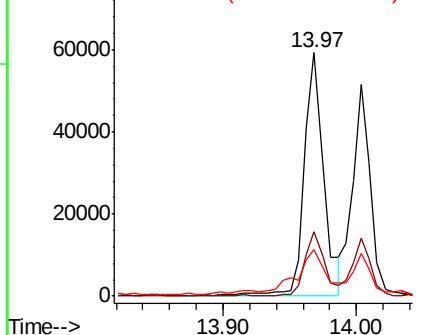
Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.3	22.2	33.2
229	19.1	16.4	24.6

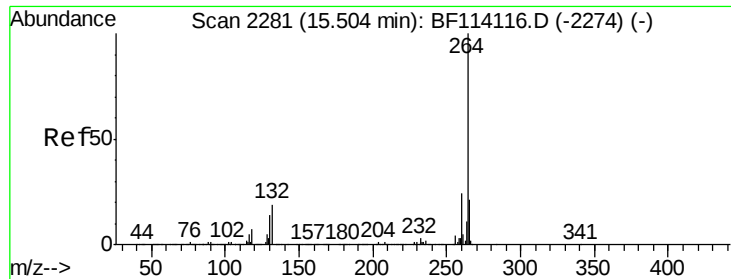
Abundance

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

Pervlene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BF114543.D

Acq: 24 May 2019 00:14

Instrument :

BNA_F

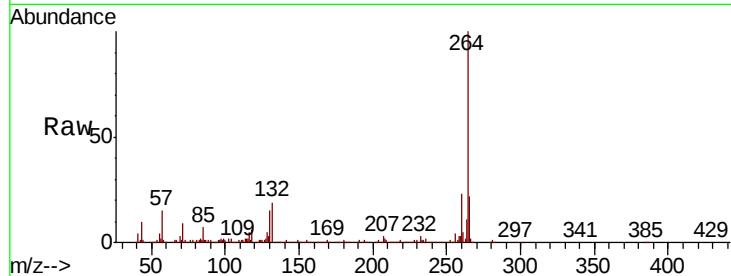
ClientSampleId :

CONCRETE-5

Tot Ion:	264	Resp:	394448
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.4	29.0
265	22.0	16.9	25.3

Manual Integrations
APPROVED

mohammad
5/24/2019 1:36:44 PM

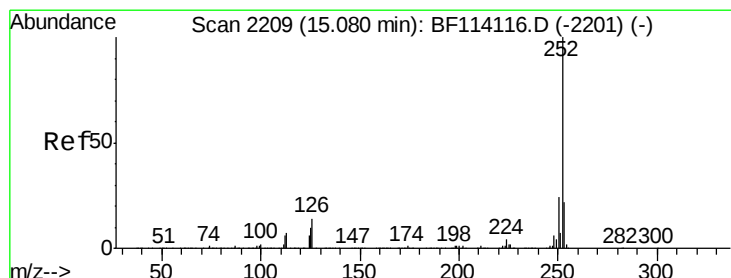
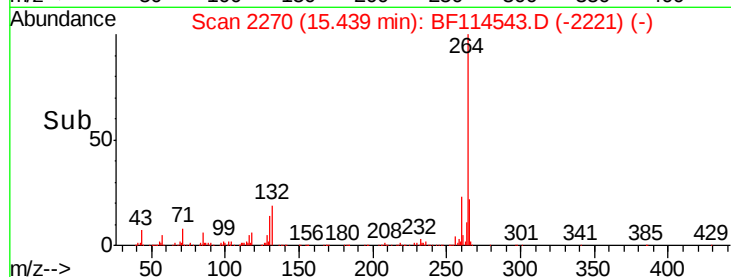
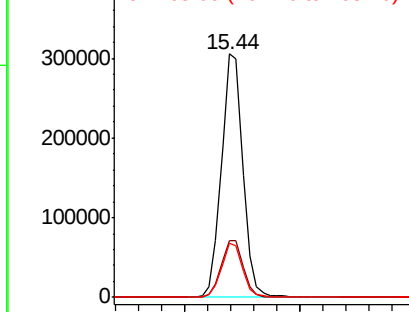


Abundance

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: 2.175 ng m

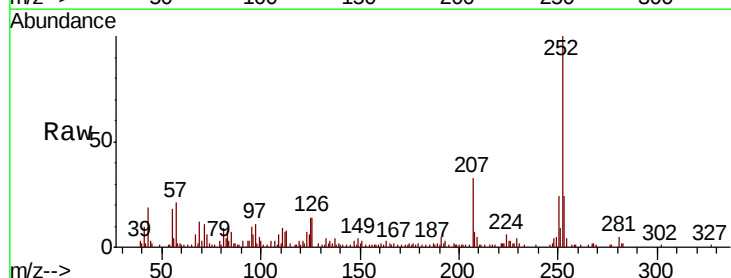
RT: 15.02 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BF114543.D

Acq: 24 May 2019 00:14

Tgt Ion:	252	Resp:	54959
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.8	26.8
125	14.4	8.3	12.5#



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

