

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
 Data File : BF116279.D
 Acq On : 15 Aug 2019 15:14
 Operator : HP/JU
 Sample : K4340-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SAMPLE-1

Manual Integrations
 APPROVED

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 8/16/2019 5:32:48 PM

Quant Time: Aug 16 03:47:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	5518	20.00	ng	-0.01
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.13
39) Acenaphthene-d10	0.00	164	0	0.00	ng	-9.89
64) Phenanthrene-d10	0.00	188	0	0.00	ng	-11.37
76) Chrysene-d12	14.00	240	2156	20.00	ng	0.00
87) Perylene-d12	15.50	264	116	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	696947	2114.41	ng	-0.02
7) Phenol-d6	6.46	99	835131	2008.15	ng	-0.03
23) Nitrobenzene-d5	7.38	82	615266	0.00	ng	-0.04
42) 2,4,6-Tribromophenol	10.64	330	296920	0.00	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	1098877	0.00	ng	-0.04
79) Terphenyl-d14	12.92	244	1508556	14743.86	ng	-0.03
Target Compounds						
10) Phenol	6.47	94	5622	11.480	ng	# 1
81) Benzo(a)anthracene	13.99	228	1118	8.113	ng	# 50
83) Chrysene	14.03	228	2902m	21.691	ng	
84) Bis(2-ethylhexyl)phthalate	13.94	149	7277	81.455	ng	# 98
85) Di-n-octyl phthalate	14.59	149	1091	7.689	ng	# 66
88) Benzo(b)fluoranthene	15.08	252	2736	407.916	ng	# 85
89) Benzo(k)fluoranthene	15.08	252	2736	418.800	ng	# 84
90) Benzo(a)pyrene	15.44	252	263	43.864	ng	# 10

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

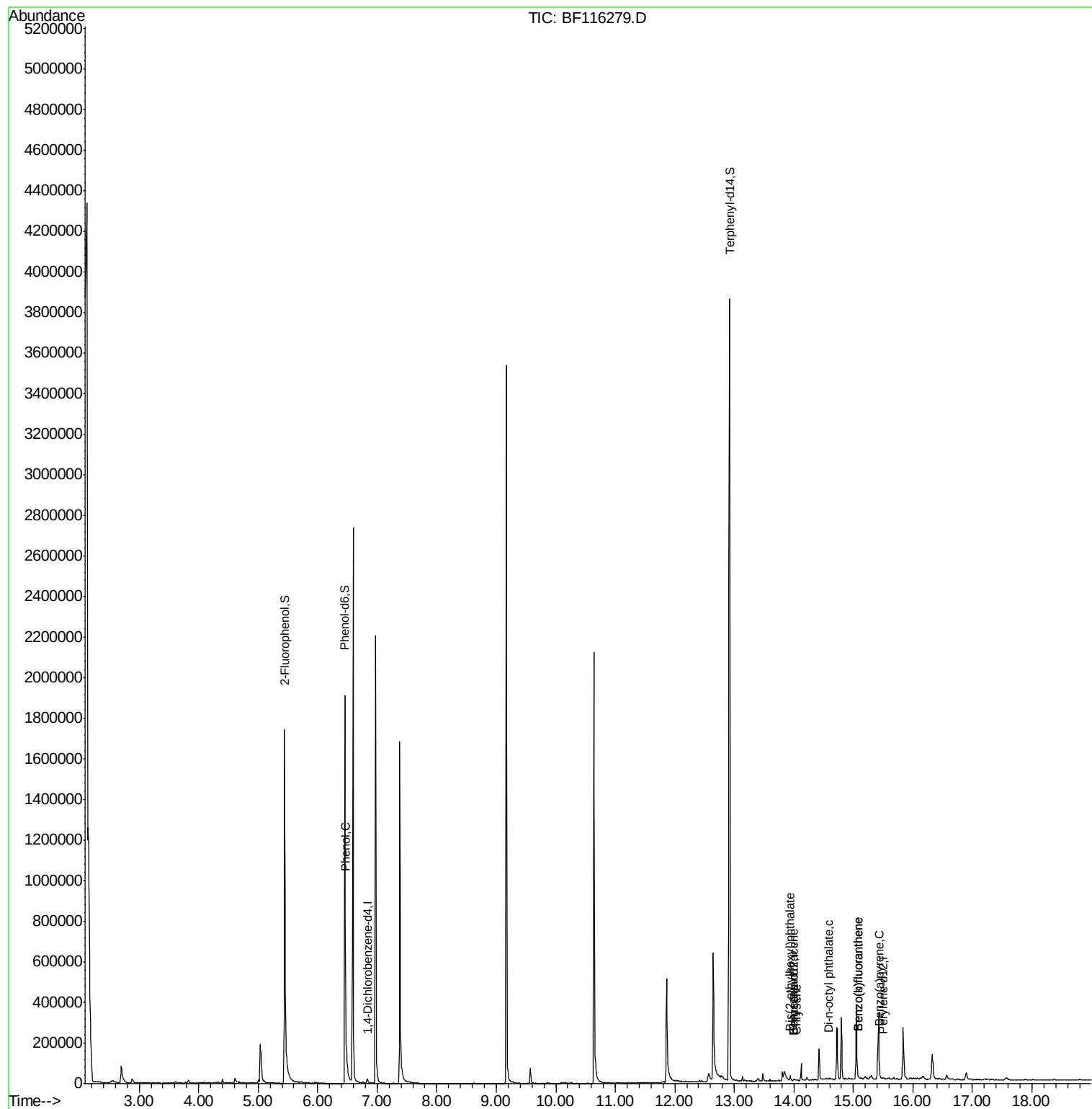
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
Data File : BF116279.D
Acq On : 15 Aug 2019 15:14
Operator : HP/JU
Sample : K4340-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

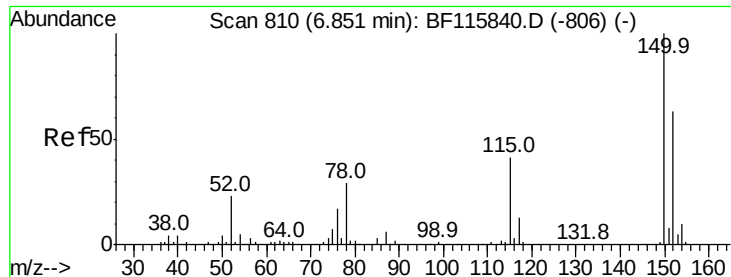
Instrument :
BNA_F
ClientSampleId :
LS-SAMPLE-1

Manual Integrations
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
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Response via : Initial Calibration





#1

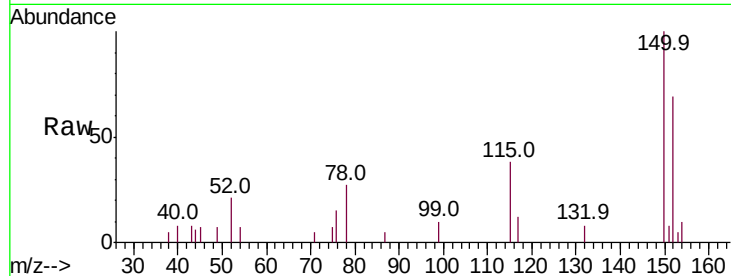
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116279.D
Acq: 15 Aug 2019 15:14

Instrument :
BNA_F
ClientSampleId :
LS-SAMPLE-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.0	126.2	189.2
115	54.1	49.9	74.9

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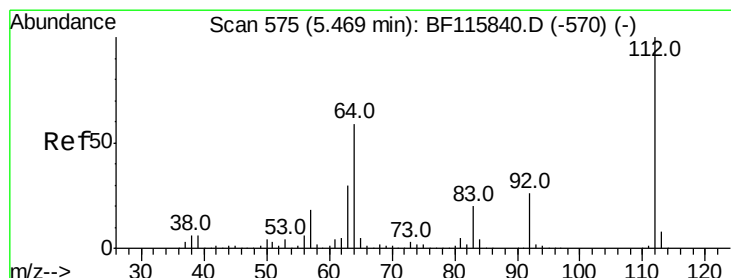
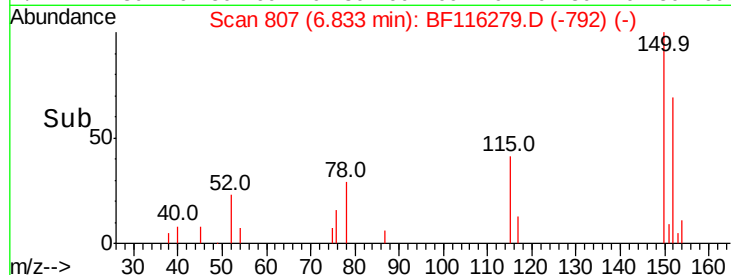
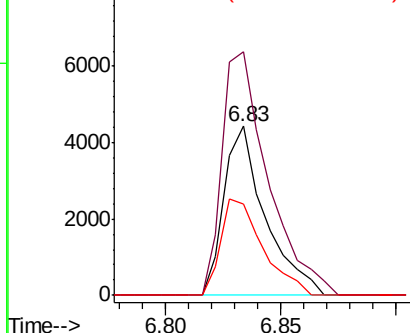


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

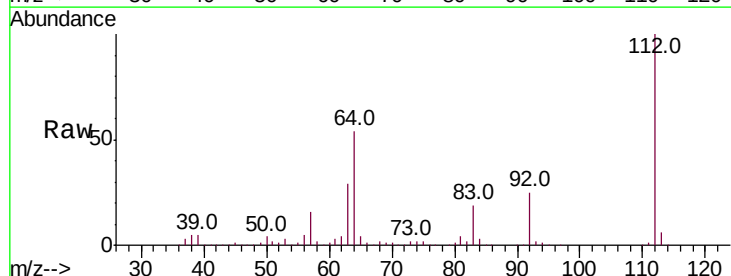
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 2114.412 ng
RT: 5.45 min Scan# 571
Delta R.T. -0.02 min
Lab File: BF116279.D
Acq: 15 Aug 2019 15:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	45.4	68.2
63	28.5	23.7	35.5

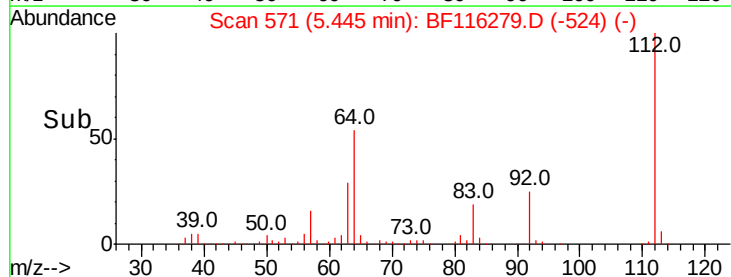
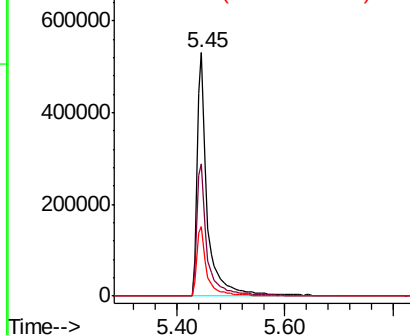


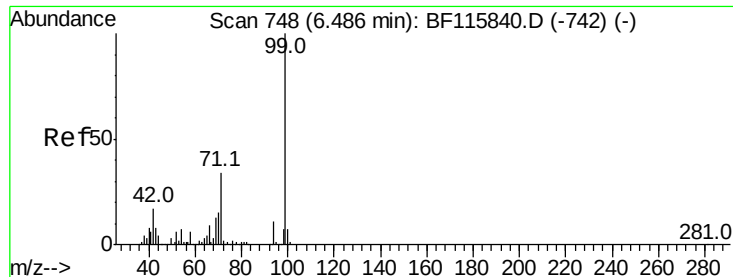
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 2008.151 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF116279.D

Acq: 15 Aug 2019 15:14

Instrument :

BNA_F

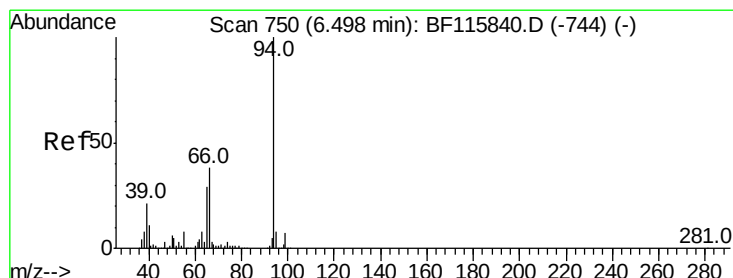
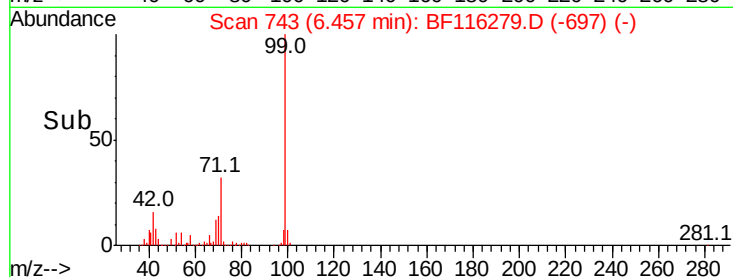
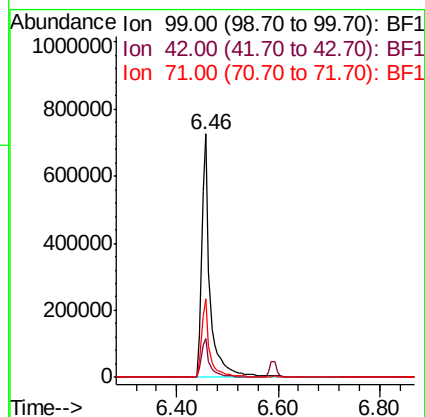
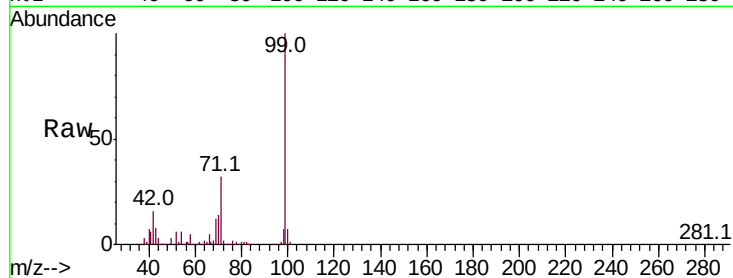
ClientSampleId :

LS-SAMPLE-1

Tot Ion:	99	Resp:	835131
Ion Ratio	Lower	Upper	
99	100		
42	16.0	13.8	20.8
71	32.4	27.3	40.9

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#10

Phenol

Concen: 11.480 ng

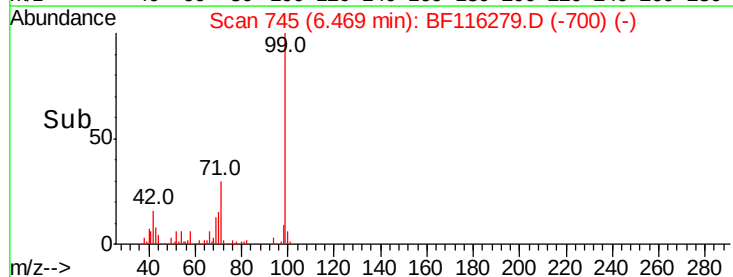
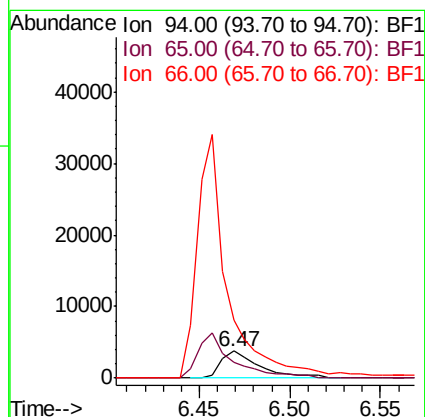
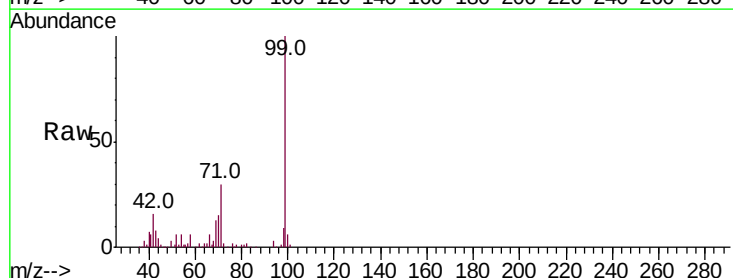
RT: 6.47 min Scan# 745

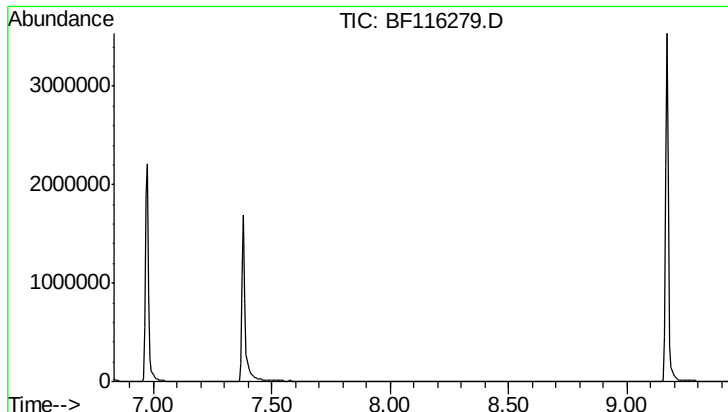
Delta R.T. -0.04 min

Lab File: BF116279.D

Acq: 15 Aug 2019 15:14

Tgt Ion:	94	Resp:	5622
Ion Ratio	Lower	Upper	
94	100		
65	60.2	16.8	56.8#
66	213.4	34.2	74.2#





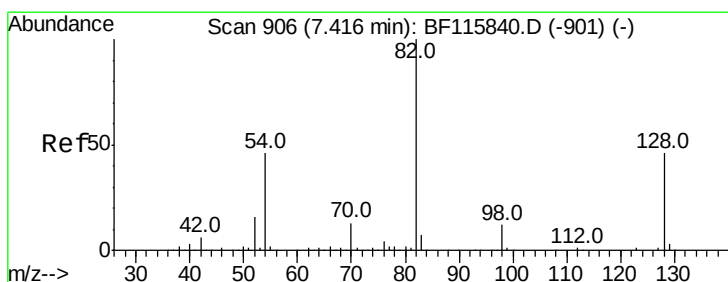
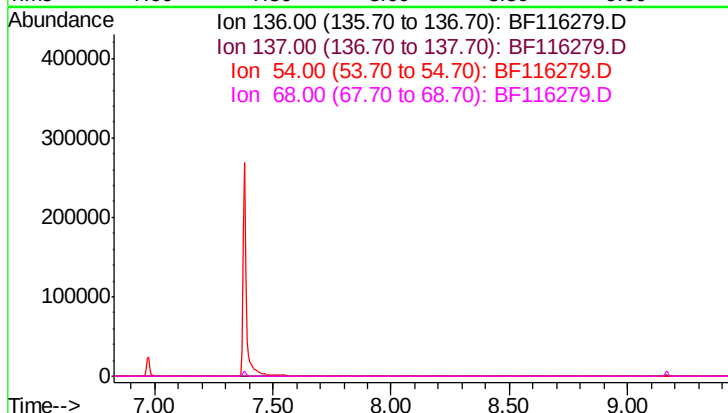
#21
Naphthalene-d8
Concen: 0.000 ng
Expected RT: 8.13 min
Lab File: BF116279.D
Acq: 15 Aug 2019 15:14

Instrument :
BNA_F
ClientSampleId :
LS-SAMPLE-1

Tot Ion	136	137	54	68
Exp Ratio	100	11.2	7.2	6.5

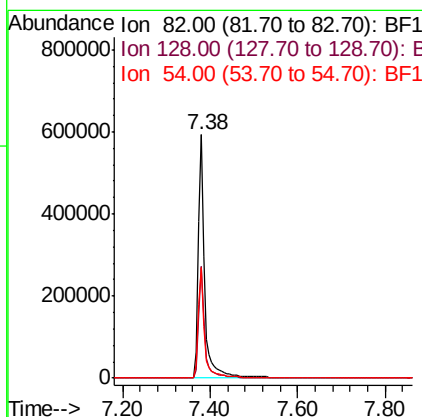
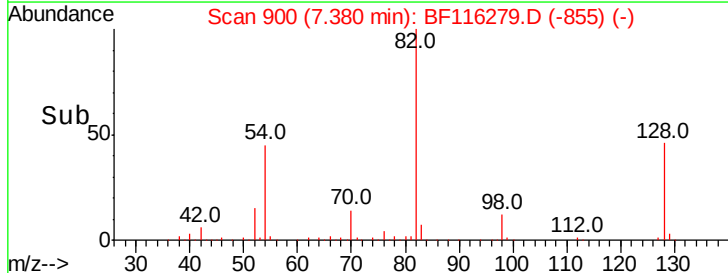
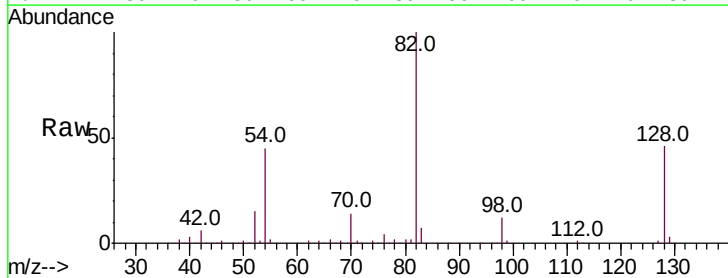
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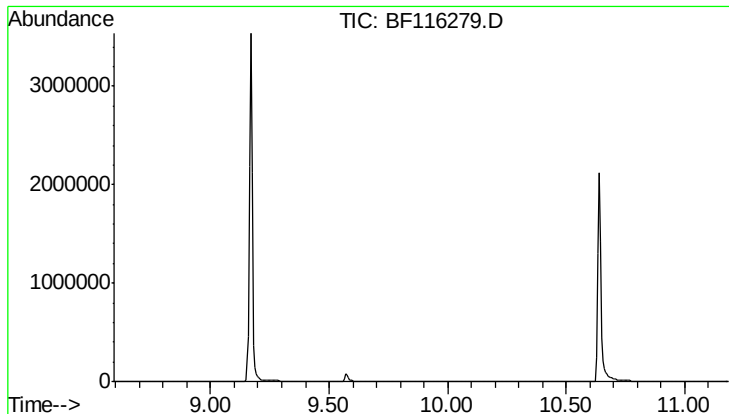
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#23
Nitrobenzene-d5
Concen: 0.000 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.04 min
Lab File: BF116279.D
Acq: 15 Aug 2019 15:14

Tgt Ion	82	128	54
Resp	615266	45.7	45.3
Ratio	100	36.5	36.0
Lower		36.5	36.0
Upper		54.7	54.0





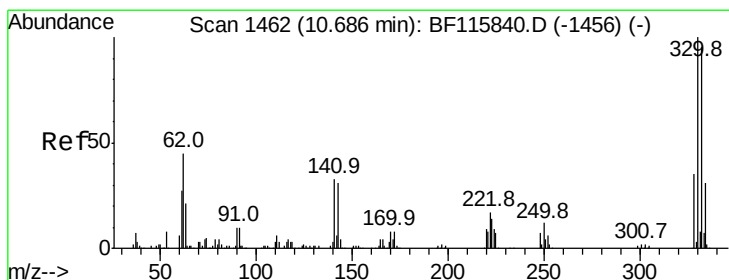
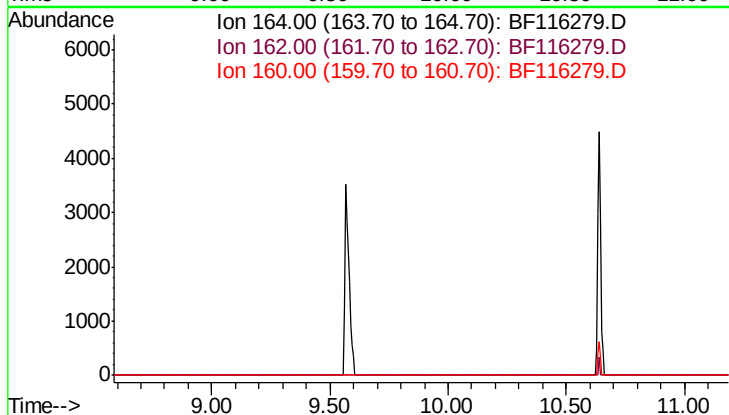
#39
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 9.89 min
 Lab File: BF116279.D
 Acq: 15 Aug 2019 15:14

Tot Ion	164
Exp Ratio	100
162	103.3
160	47.0

Instrument :
 BNA_F
 ClientSampleId :
 LS-SAMPLE-1

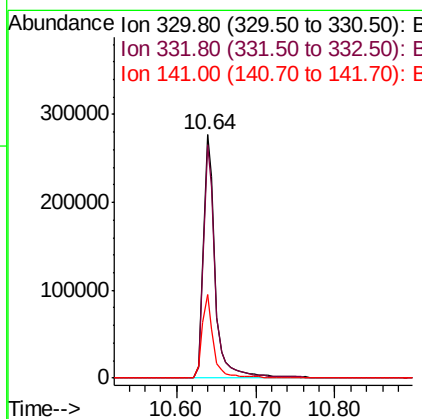
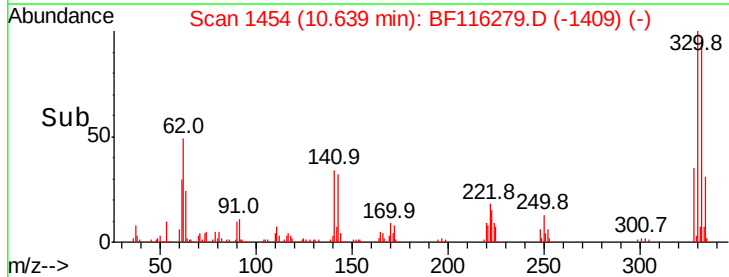
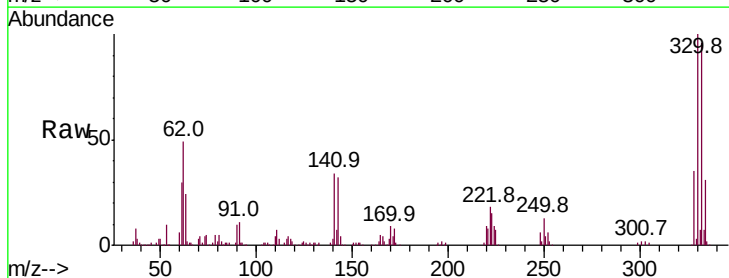
Manual Integrations
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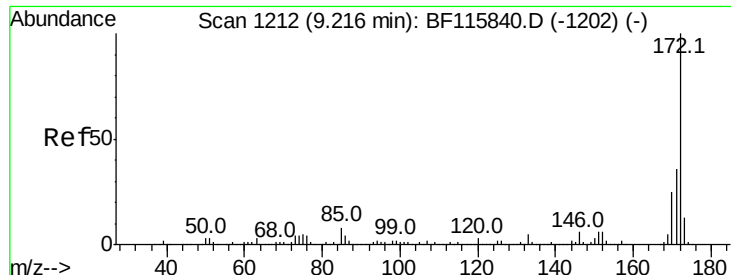
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#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.04 min
 Lab File: BF116279.D
 Acq: 15 Aug 2019 15:14

Tgt Ion	330	Resp	296920
Ion Ratio	100		
332	96.0	76.8	115.2
141	33.7	26.3	39.5





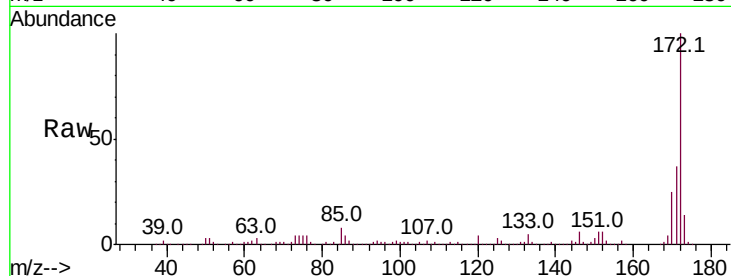
#45
2-Fluorobiphenyl
Concen: 0.000 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.04 min
Lab File: BF116279.D
Acq: 15 Aug 2019 15:14

Instrument :
BNA_F
ClientSampleId :
LS-SAMPLE-1

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	25.1	20.1	30.1

Manual Integrations
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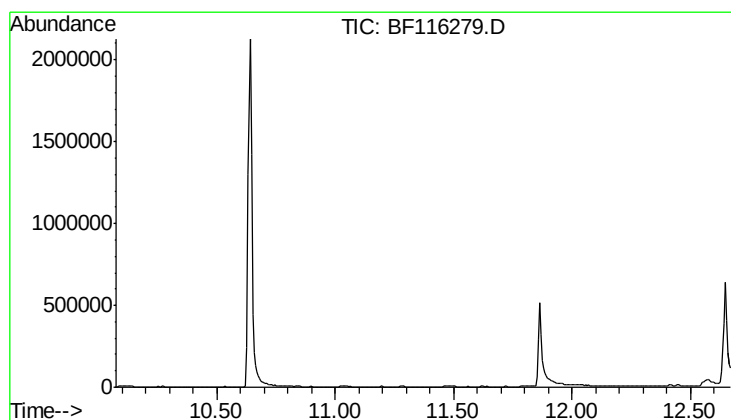
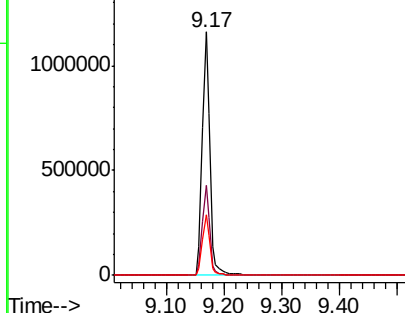
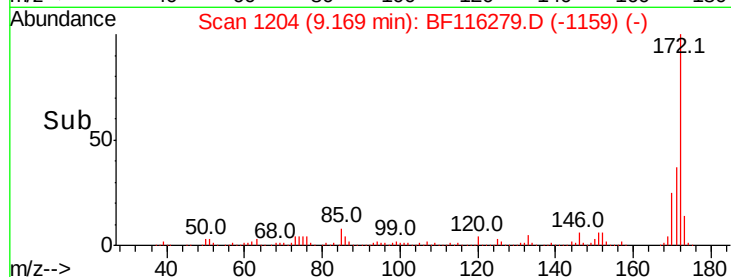


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

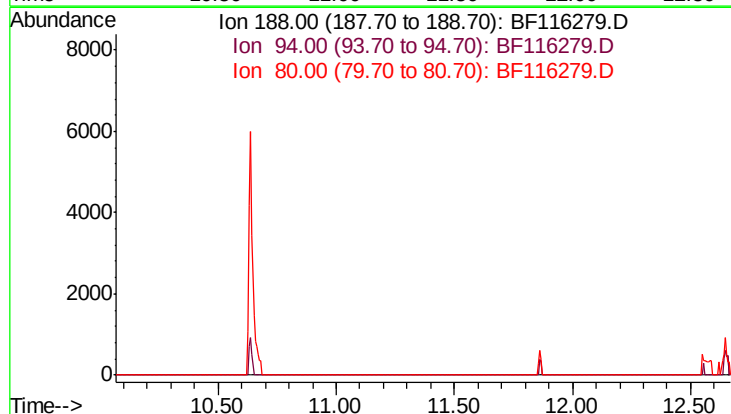
Ion 170.00 (169.70 to 170.70): E

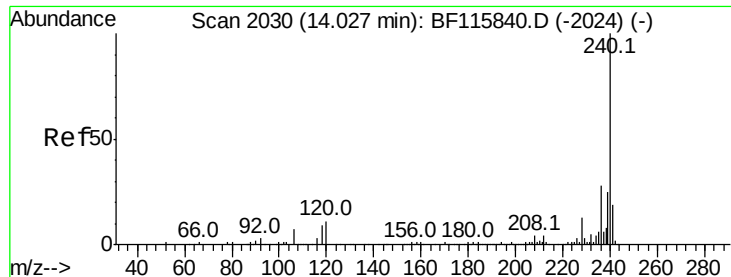


#64
Phenanthrene-d10
Concen: 0.000 ng
Expected RT: 11.37 min

Lab File: BF116279.D
Acq: 15 Aug 2019 15:14

Tgt Ion	Sig	Exp Ratio
188	100	
94	10.1	
80	10.9	





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF116279.D

Acq: 15 Aug 2019 15:14

Instrument :

BNA_F

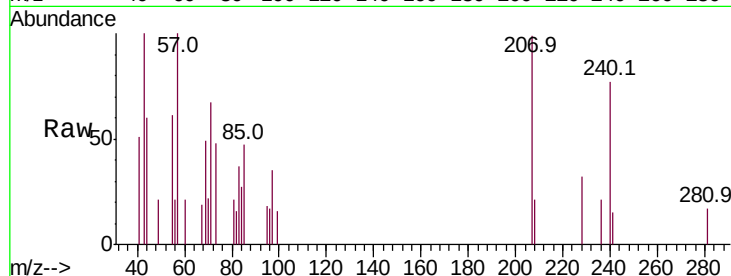
ClientSampleId :

LS-SAMPLE-1

Tot Ion	Ratio	Lower	Upper
240	100		
120	0.0	10.7	16.1#
236	27.7	22.2	33.2

Manual Integrations
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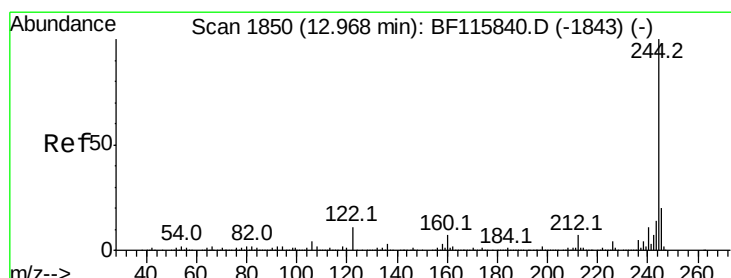
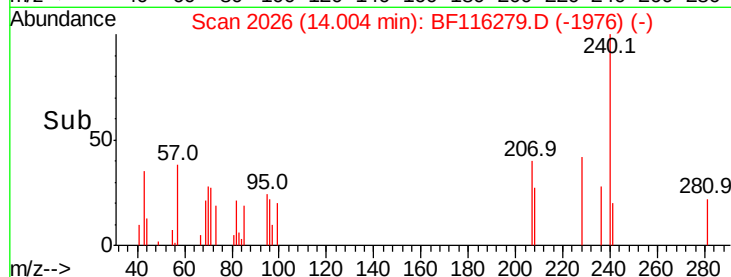
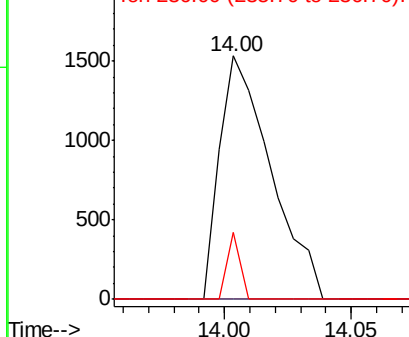


Abundance

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



#79

Terphenyl-d14

Concen: 14743.863 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.03 min

Lab File: BF116279.D

Acq: 15 Aug 2019 15:14

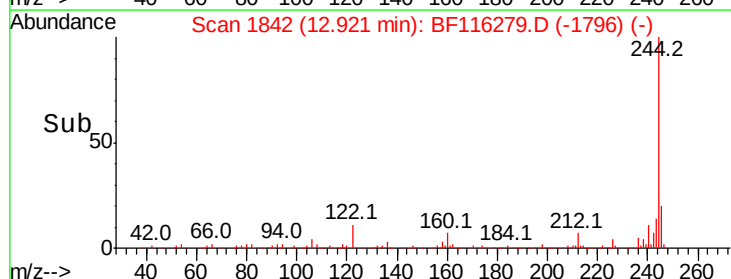
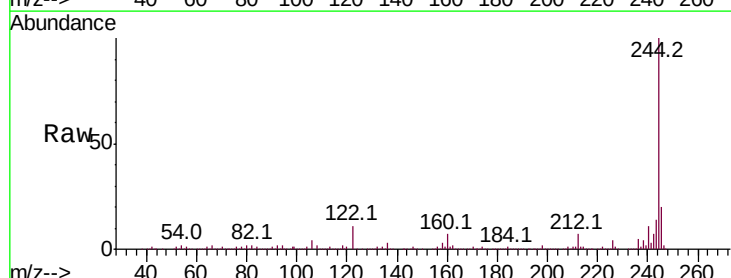
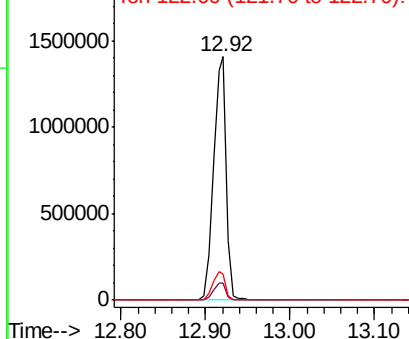
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	10.7	9.0	13.4

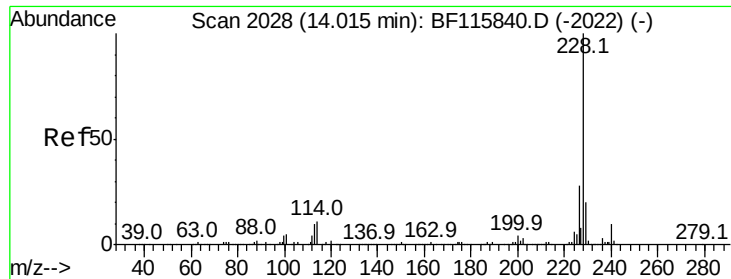
Abundance

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: 8.113 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF116279.D

Acq: 15 Aug 2019 15:14

Instrument :

BNA_F

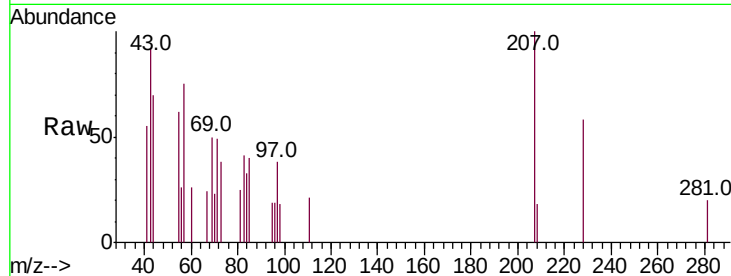
ClientSampleId :

LS-SAMPLE-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.7	34.1#
229	0.0	16.2	24.4#

Manual Integrations
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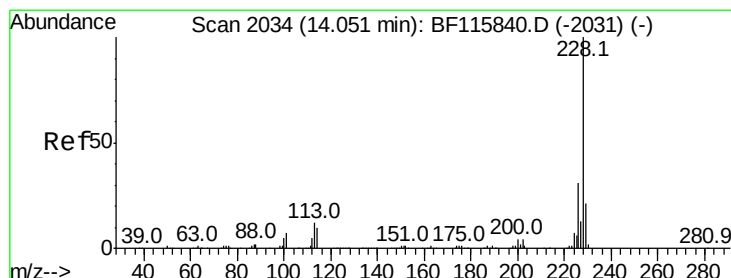
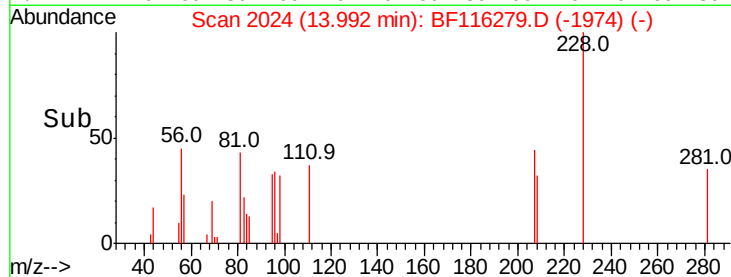
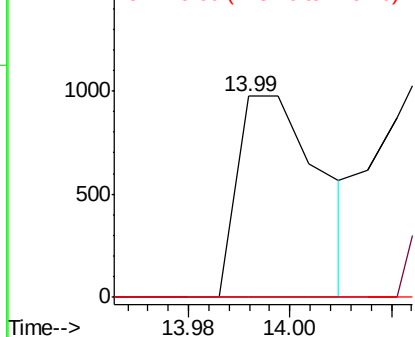


Abundance

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: 21.691 ng m

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF116279.D

Acq: 15 Aug 2019 15:14

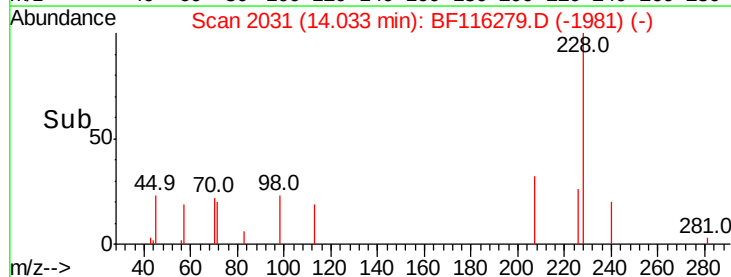
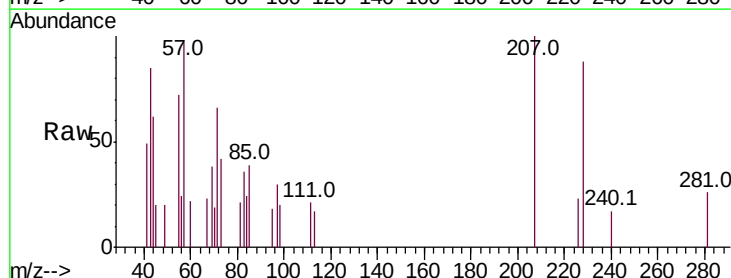
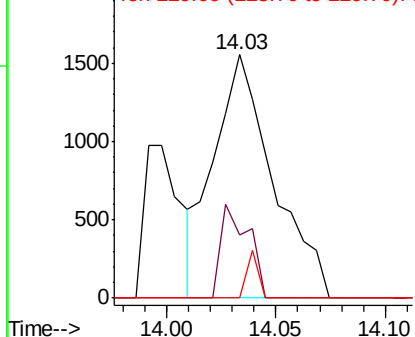
Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.1	25.5	38.3
229	0.0	16.6	24.8#

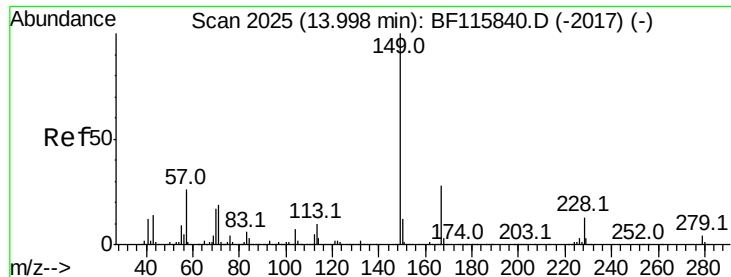
Abundance

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





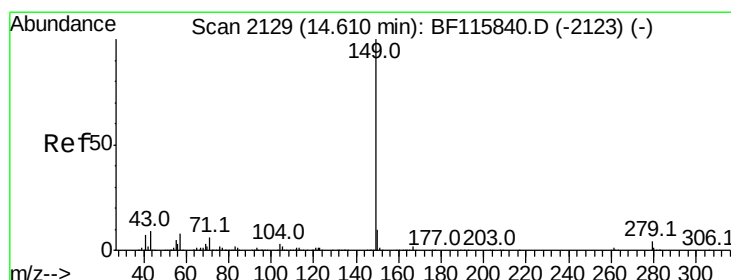
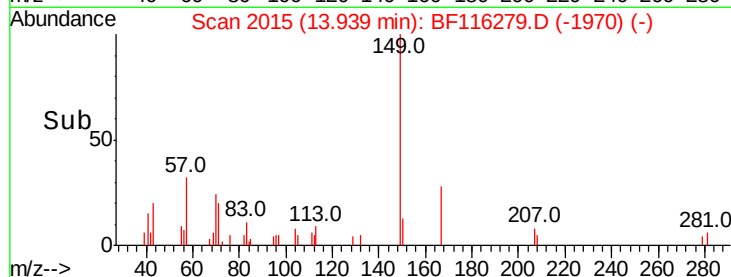
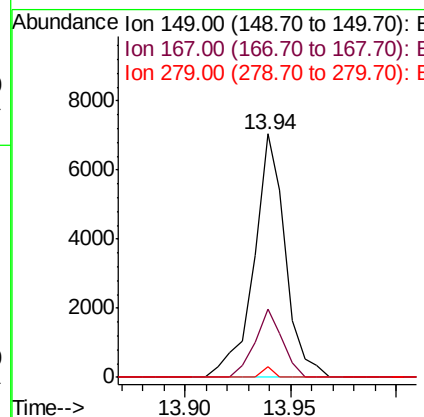
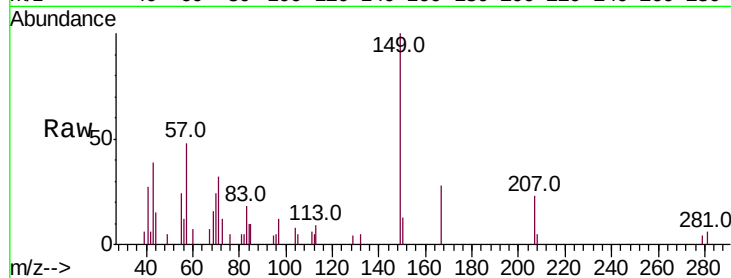
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 81.455 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.04 min
 Lab File: BF116279.D
 Acq: 15 Aug 2019 15:14

Instrument :
 BNA_F
 ClientSampleId :
 LS-SAMPLE-1

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.2	21.6	32.4
279	4.5	3.0	4.4

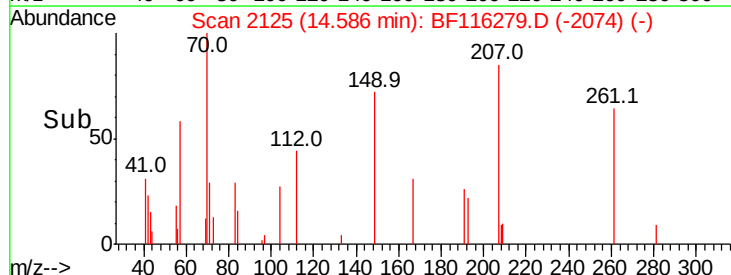
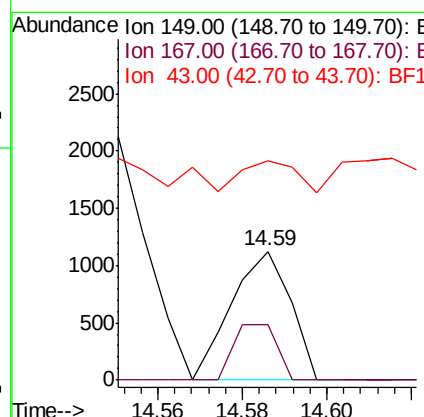
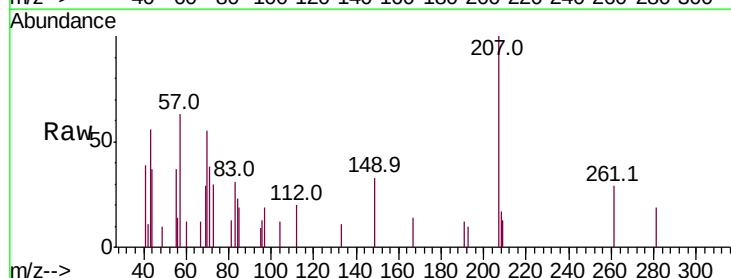
Manual Integrations
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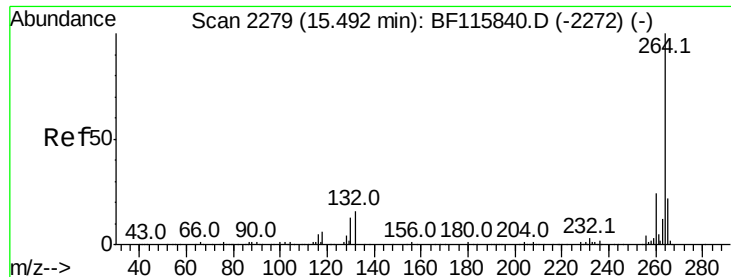
Jagrut
 8/16/2019 5:32:48 PM



#85
 Di-n-octyl phthalate
 Concen: 7.689 ng
 RT: 14.59 min Scan# 2125
 Delta R.T. -0.00 min
 Lab File: BF116279.D
 Acq: 15 Aug 2019 15:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.2	1.4	2.0
43	0.0	7.5	11.3





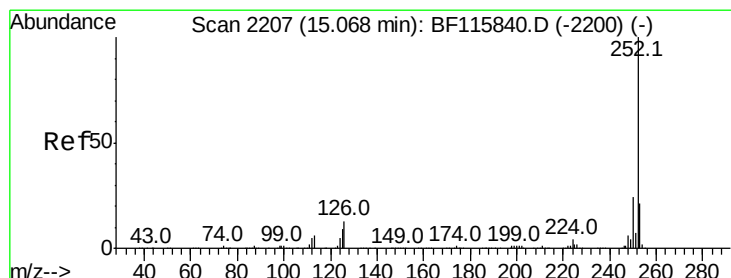
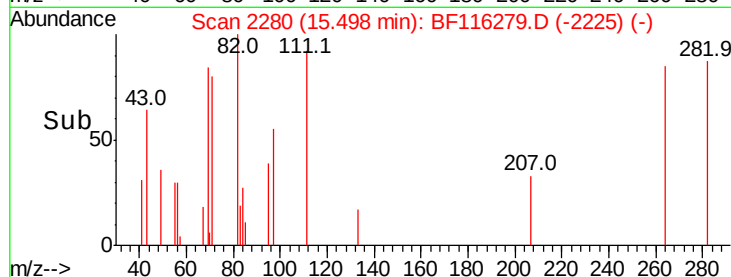
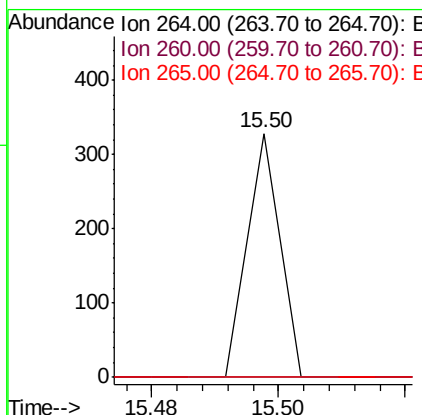
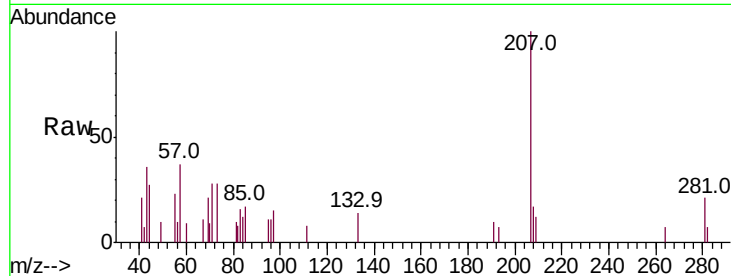
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.02 min
Lab File: BF116279.D
Acq: 15 Aug 2019 15:14

Instrument :
BNA_F
ClientSampleId :
LS-SAMPLE-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	0.0	19.7	29.5#
265	0.0	17.4	26.0#

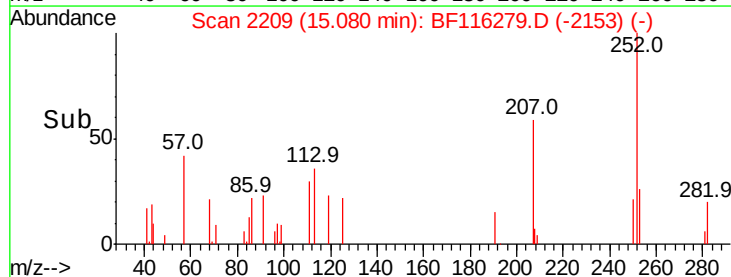
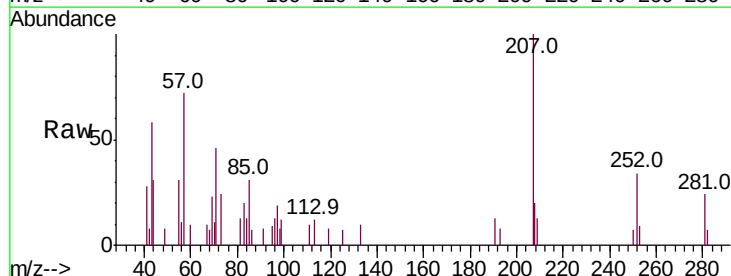
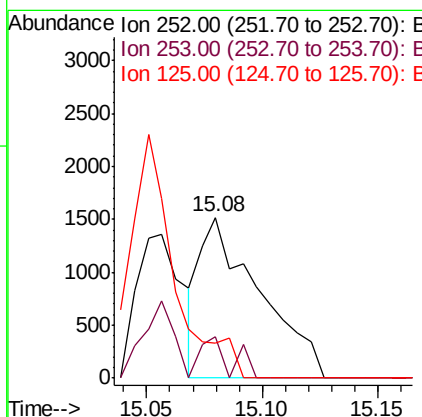
Manual Integrations
APPROVED

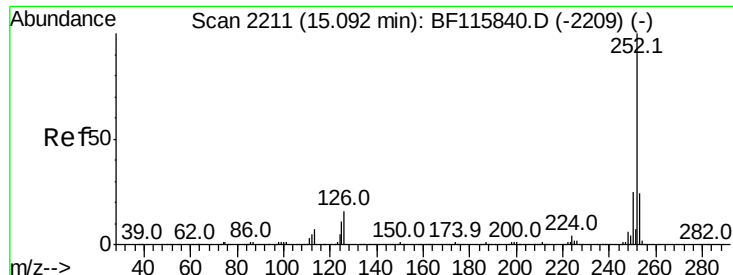
Jagrut
8/16/2019 5:32:48 PM



#88
Benzo(b)fluoranthene
Concen: 407.916 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.03 min
Lab File: BF116279.D
Acq: 15 Aug 2019 15:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.8	26.8
125	22.0	8.4	12.6#





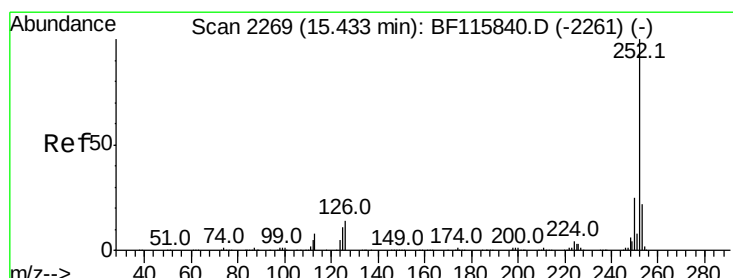
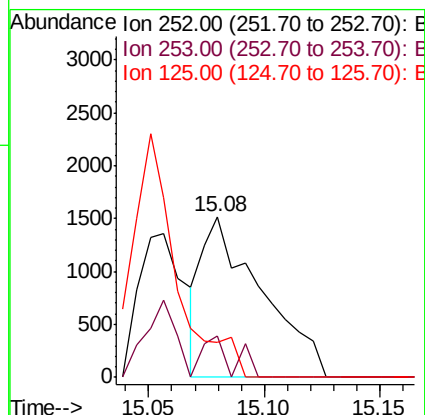
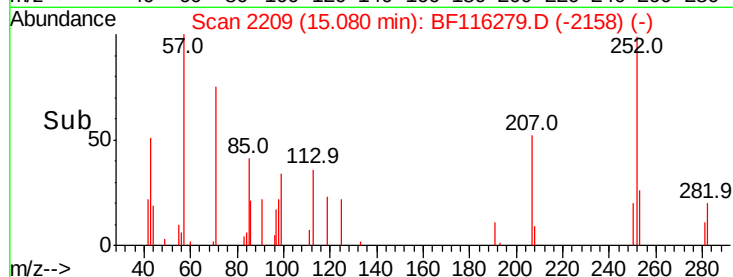
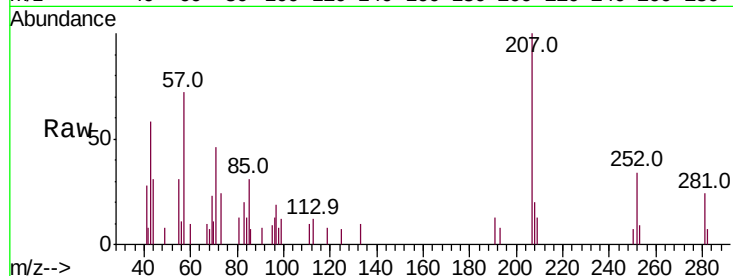
#89
Benzo(k)fluoranthene
Concen: 418.800 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BF116279.D
Acq: 15 Aug 2019 15:14

Instrument :
BNA_F
ClientSampleId :
LS-SAMPLE-1

Tot Ion:252 Resp: 2736
Ion Ratio Lower Upper
252 100
253 26.0 17.8 26.8
125 22.0 7.7 11.5#

Manual Integrations
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8/16/2019 5:32:48 PM



#90
Benzo(a)pyrene
Concen: 43.864 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.03 min
Lab File: BF116279.D
Acq: 15 Aug 2019 15:14

Tgt Ion:252 Resp: 263
Ion Ratio Lower Upper
252 100
253 0.0 18.0 27.0#
125 78.9 8.9 13.3#

