

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
 Data File : BF117249.D
 Acq On : 25 Sep 2019 19:18
 Operator : JU
 Sample : K5014-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WALL-2

Manual Integrations
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 9/26/2019 3:53:47 PM

Quant Time: Sep 26 05:48:43 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	6.82	152	34323	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	132339	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	60489	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	82263	20.00	ng	0.00
76) Chrysene-d12	13.98	240	61823	20.00	ng	0.00
87) Perylene-d12	15.44	264	65885	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	137743	62.66	ng	0.00
7) Phenol-d6	6.46	99	179966	63.34	ng	0.00
23) Nitrobenzene-d5	7.37	82	113100	44.90	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	30572	60.47	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	201230	52.02	ng	0.00
79) Terphenyl-d14	12.92	244	152661	46.16	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) 1,4-Dichlorobenzene	6.83	146	9005	3.316	ng	99
31) Naphthalene	8.12	128	140130	22.017	ng	100
37) 2-Methylnaphthalene	8.81	142	24998	5.833	ng	96
38) 1-Methylnaphthalene	8.90	142	13759m	3.428	ng	
50) Dimethylphthalate	9.56	163	31488	7.352	ng	97
60) Diethylphthalate	10.26	149	126481	30.017	ng	98
71) Phenanthrene	11.36	178	11533	2.468	ng	# 91
74) Di-n-butylphthalate	11.89	149	133532	24.787	ng	98
80) Butylbenzylphthalate	13.39	149	7291	2.975	ng	89
84) Bis(2-ethylhexyl)phthalate	13.94	149	55009	17.406	ng	97

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

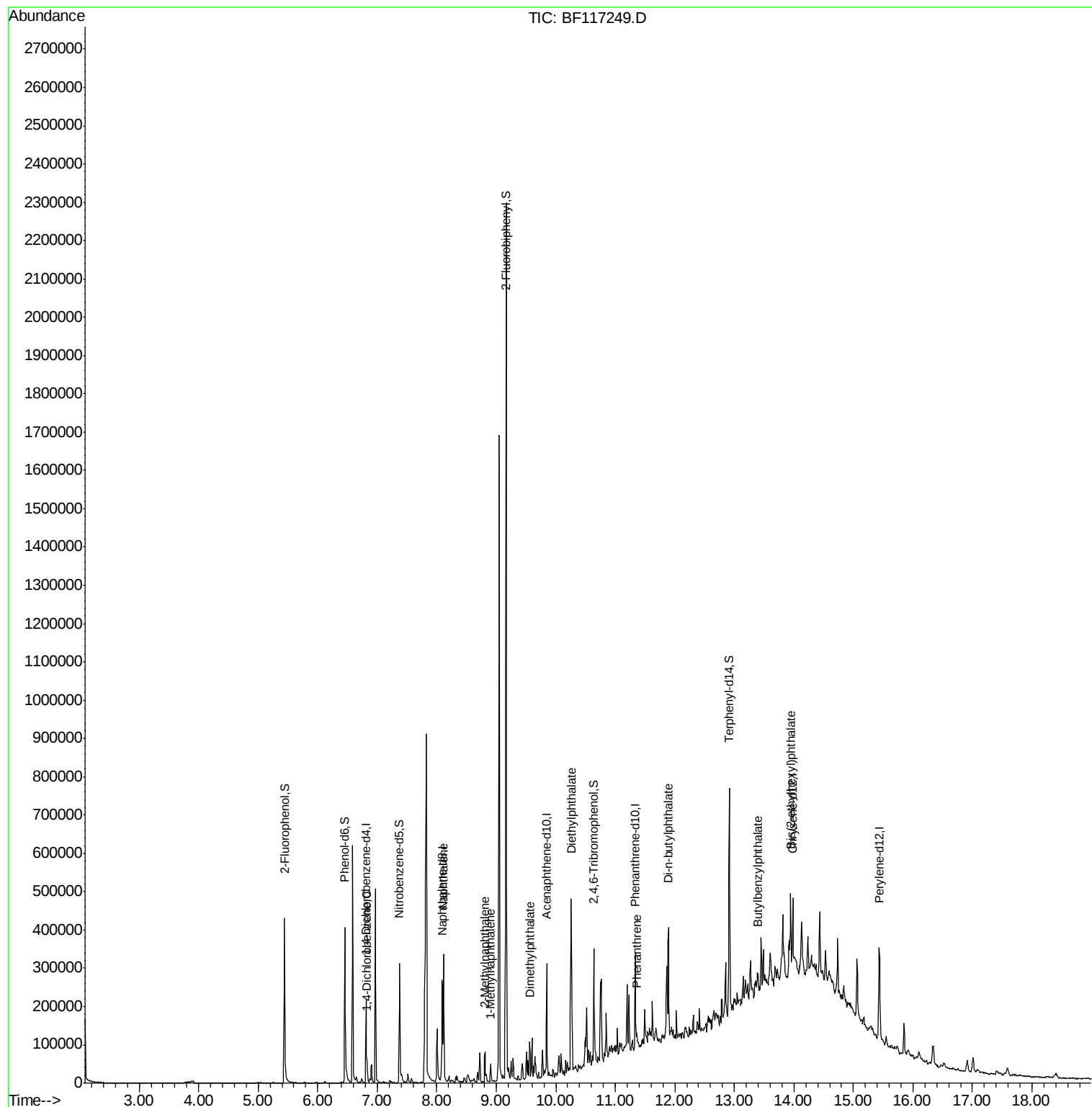
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
Data File : BF117249.D
Acq On : 25 Sep 2019 19:18
Operator : JU
Sample : K5014-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

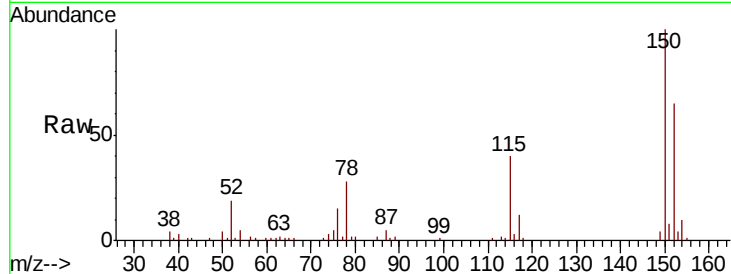
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF117249.D
Acq: 25 Sep 2019 19:18

Instrument :
BNA_F
ClientSampleId :
WALL-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	127.5	191.3
115	62.5	55.0	82.4

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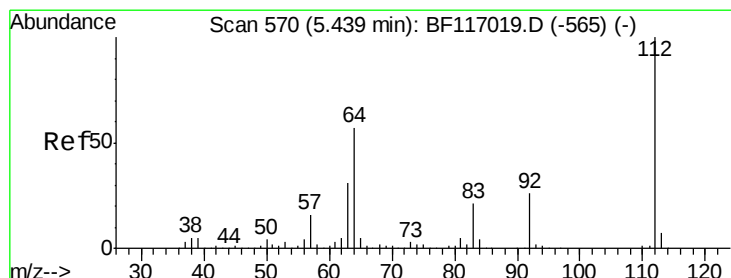
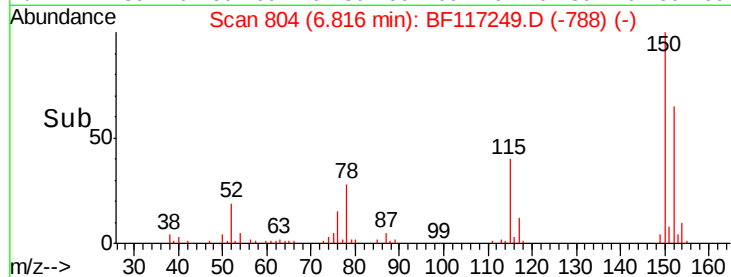
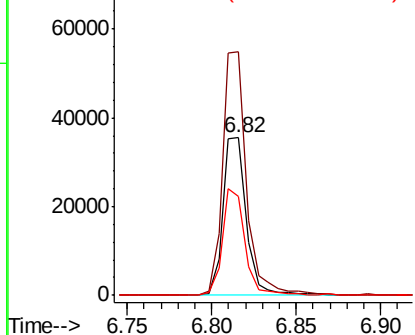


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

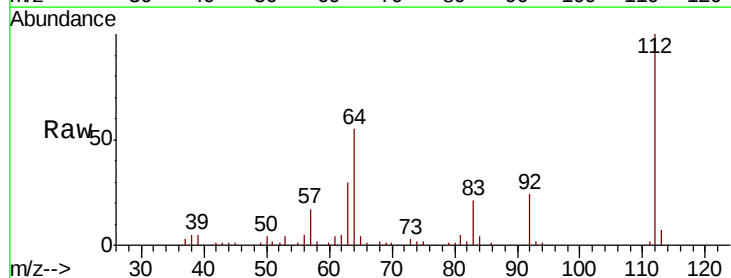
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 62.655 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF117249.D
Acq: 25 Sep 2019 19:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.6	45.7	68.5
63	30.0	24.9	37.3

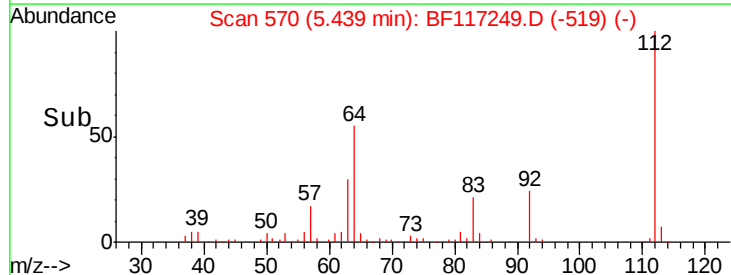
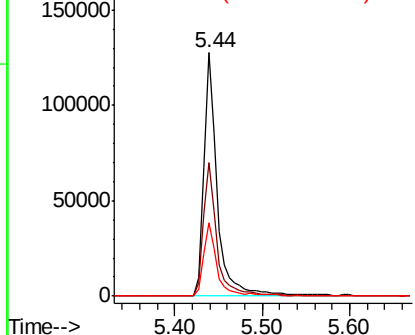


Abundance

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: 63.342 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117249.D

Acq: 25 Sep 2019 19:18

Instrument :

BNA_F

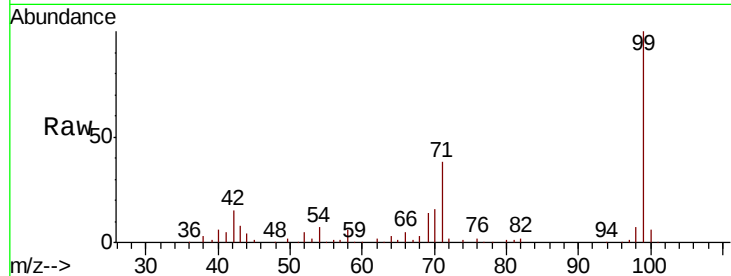
ClientSampleId :

WALL-2

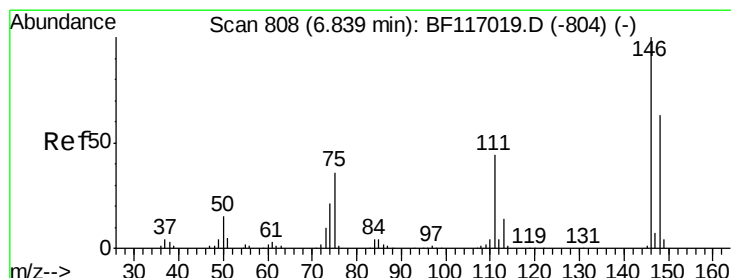
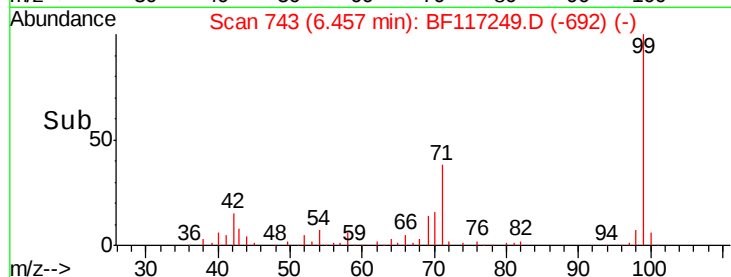
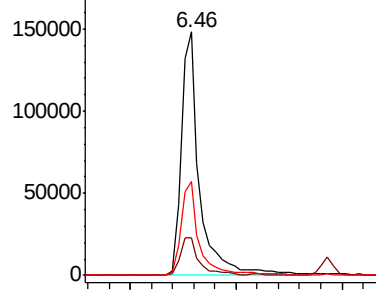
Tot Ion:	99	Resp:	179966
Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.2	18.2
71	38.4	29.8	44.8

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#13

1,4-Dichlorobenzene

Concen: 3.316 ng

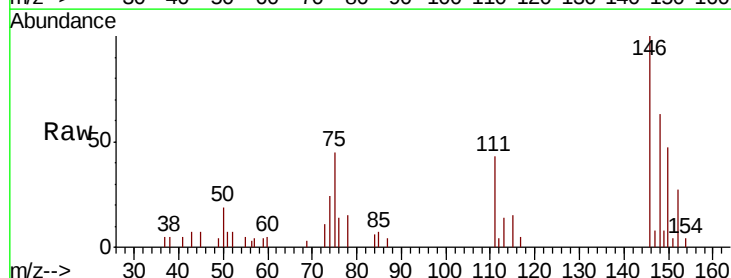
RT: 6.83 min Scan# 806

Delta R.T. -0.01 min

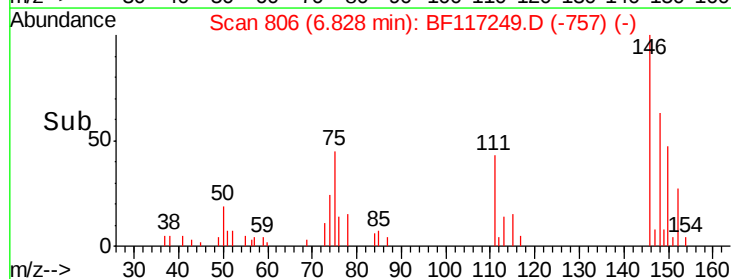
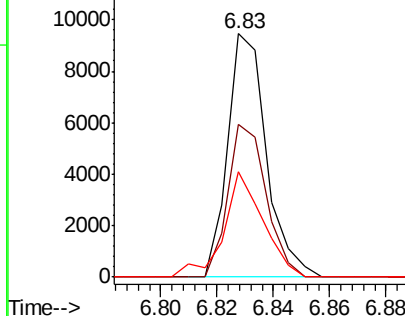
Lab File: BF117249.D

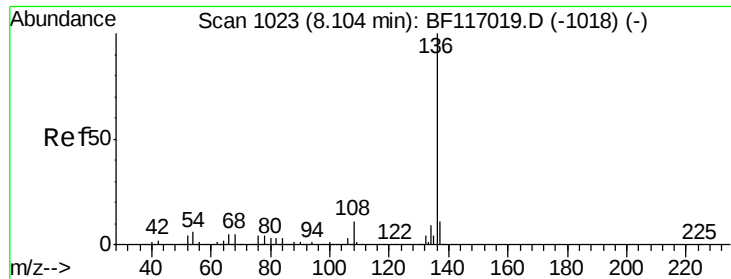
Acq: 25 Sep 2019 19:18

Tgt Ion:	146	Resp:	9005
Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.6	76.0
111	43.3	35.0	52.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





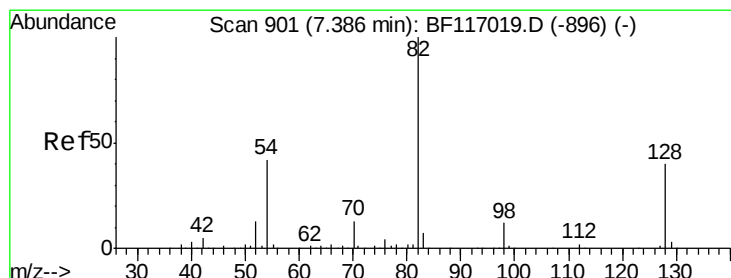
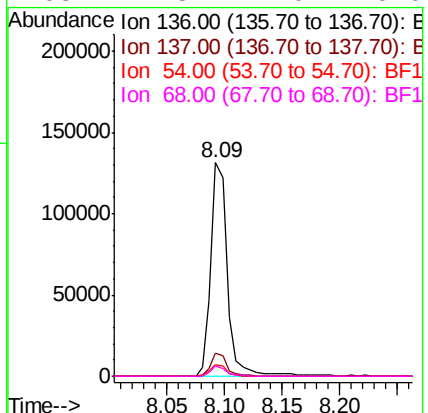
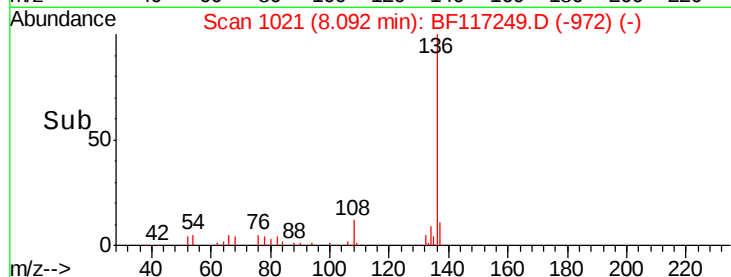
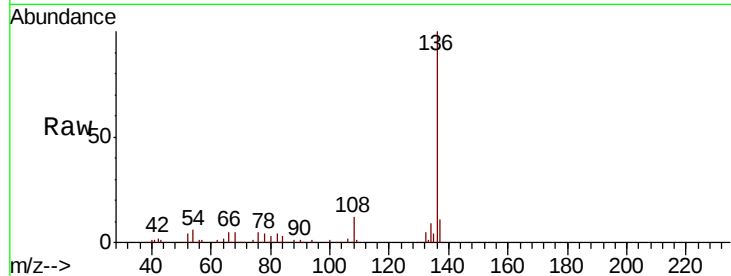
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF117249.D
Acq: 25 Sep 2019 19:18

Instrument :
BNA_F
ClientSampleId :
WALL-2

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	9.0	13.4	
54	5.7	4.5	6.7	
68	4.8	4.0	6.0	

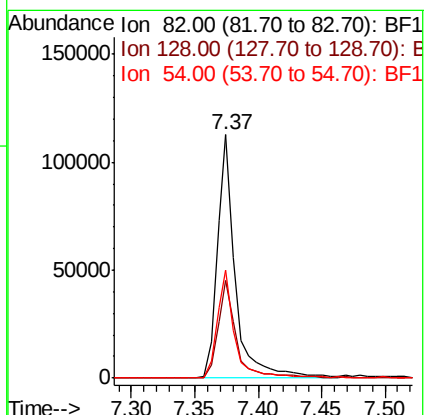
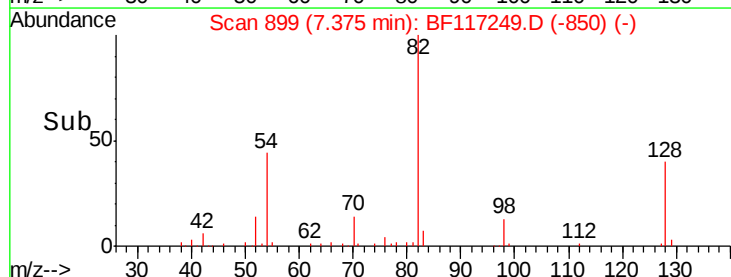
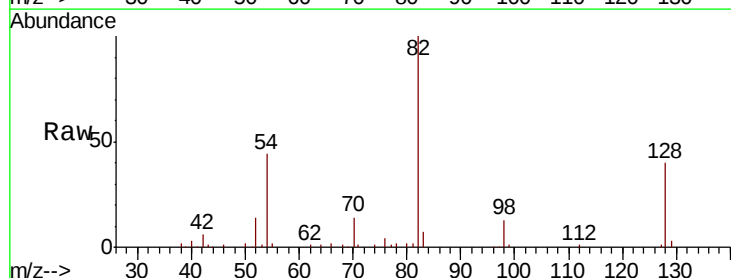
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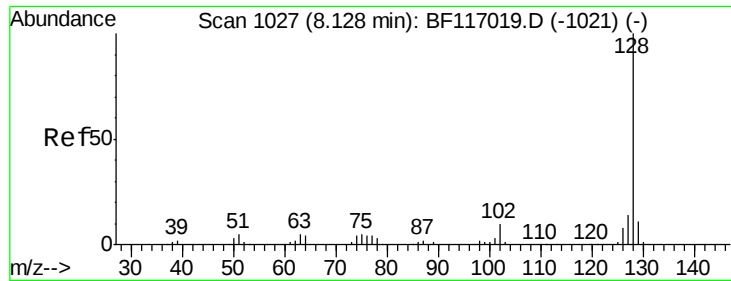
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#23
Nitrobenzene-d5
Concen: 44.904 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF117249.D
Acq: 25 Sep 2019 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.4	32.3	48.5	
54	44.4	33.3	49.9	





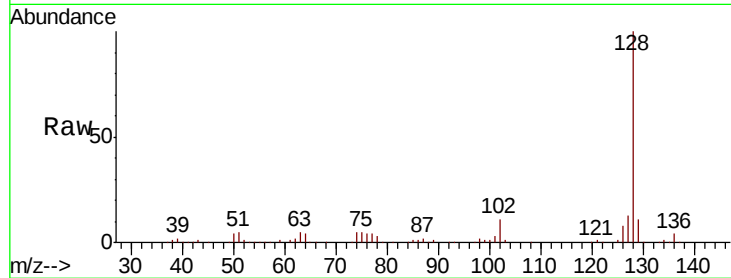
#31
Naphthalene
Concen: 22.017 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF117249.D
Acq: 25 Sep 2019 19:18

Instrument :
BNA_F
ClientSampleId :
WALL-2

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	13.3	10.8	16.2

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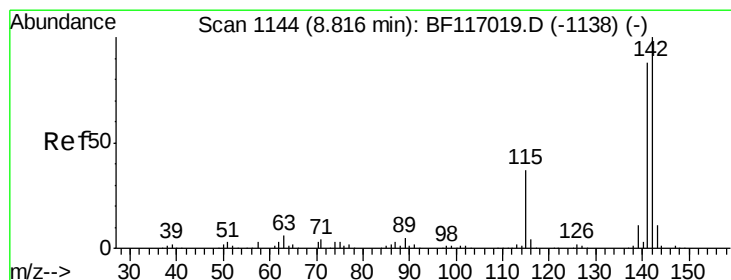
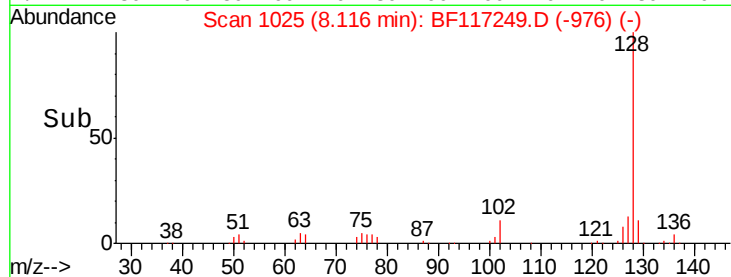
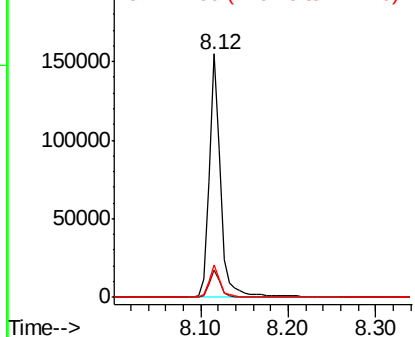


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37
2-Methylnaphthalene
Concen: 5.833 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF117249.D
Acq: 25 Sep 2019 19:18

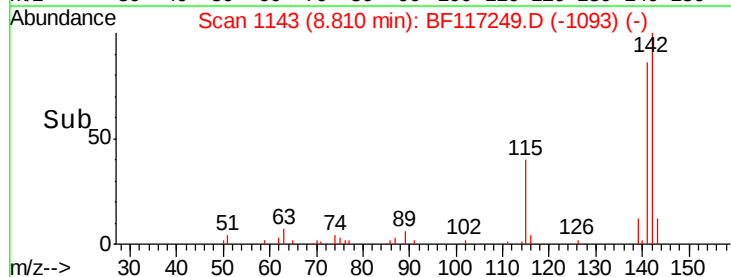
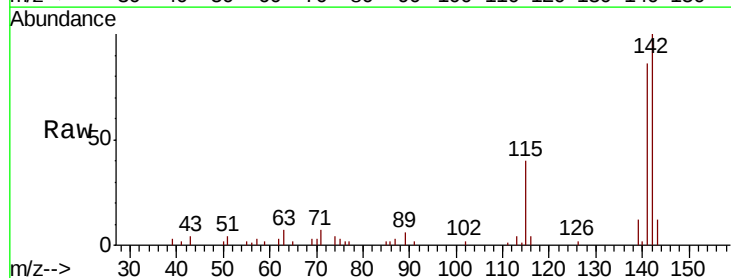
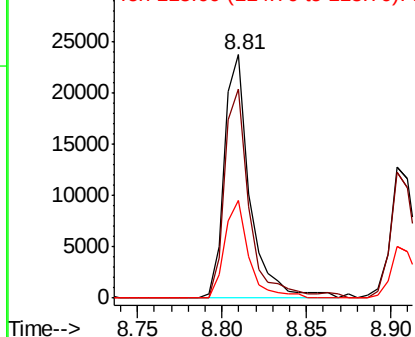
Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.0	70.7	106.1
115	40.3	29.4	44.0

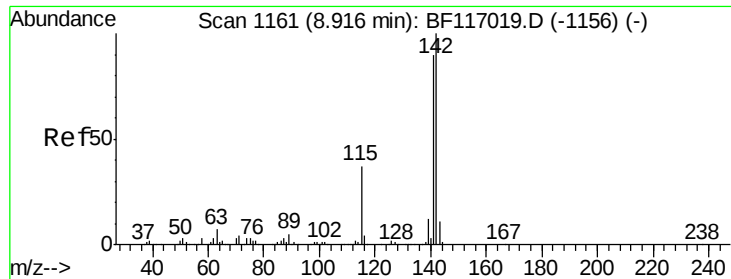
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





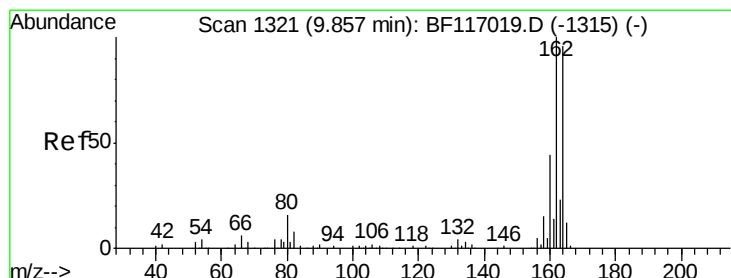
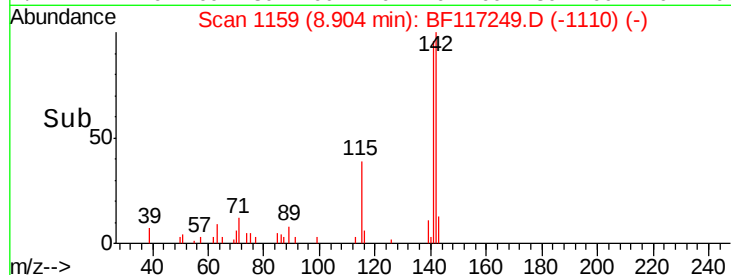
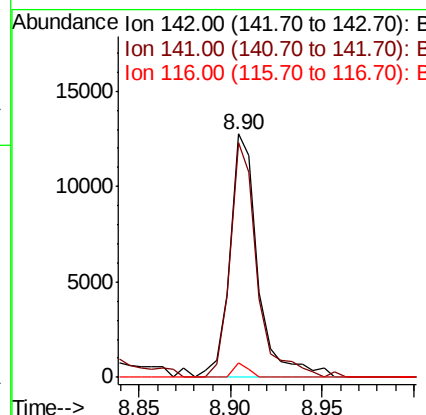
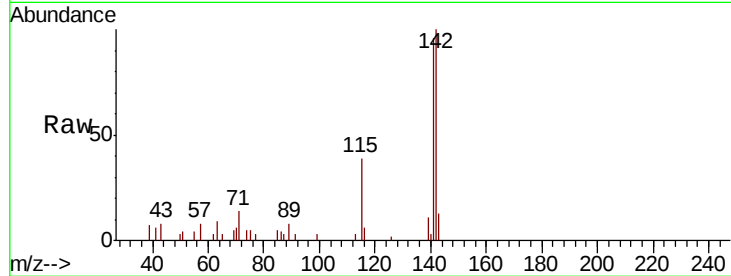
#38
1-Methylnaphthalene
Concen: 3.428 ng m
RT: 8.90 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BF117249.D
Acq: 25 Sep 2019 19:18

Instrument :
BNA_F
ClientSampleId :
WALL-2

Tot Ion	Ratio	Lower	Upper
142	100		
141	96.2	71.9	107.9
116	6.0	3.2	4.8

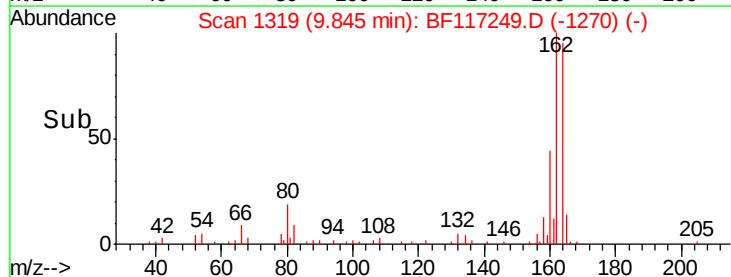
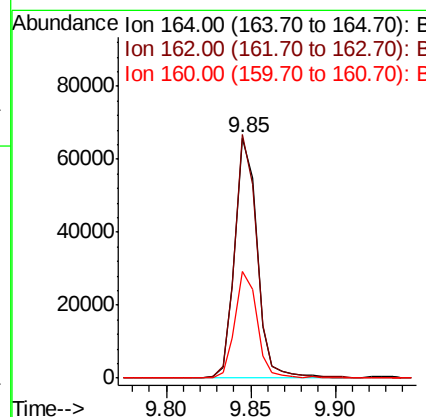
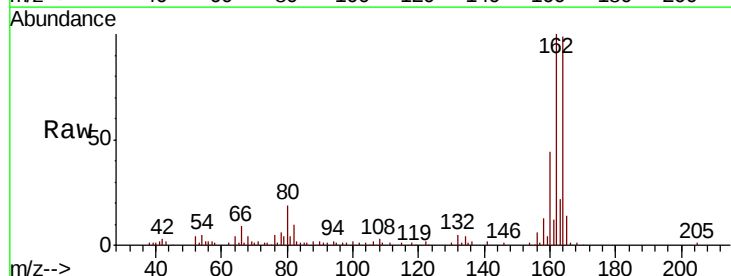
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF117249.D
Acq: 25 Sep 2019 19:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	83.4	125.2
160	44.4	36.4	54.6





#42

2,4,6-Tribromophenol

Concen: 60.473 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117249.D

Acq: 25 Sep 2019 19:18

Instrument :

BNA_F

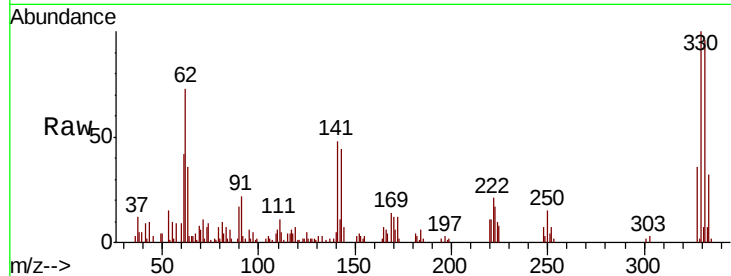
ClientSampleId :

WALL-2

Tot Ion:	330	Resp:	30572
Ion Ratio	Lower	Upper	
330	100		
332	94.7	78.0	117.0
141	46.5	35.8	53.6

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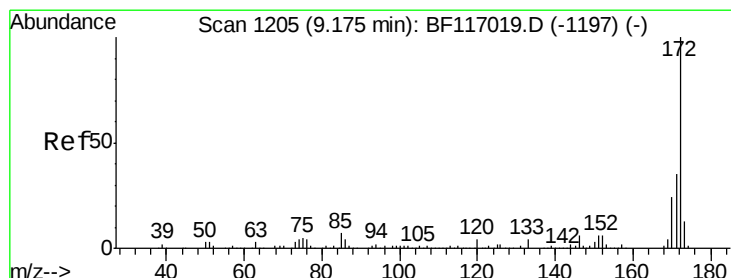
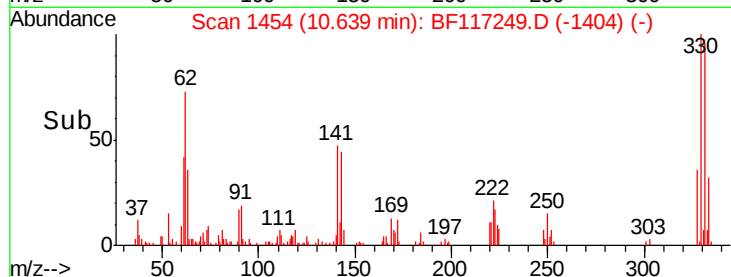
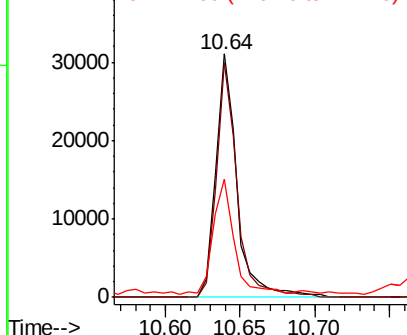


Abundance

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: 52.016 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF117249.D

Acq: 25 Sep 2019 19:18

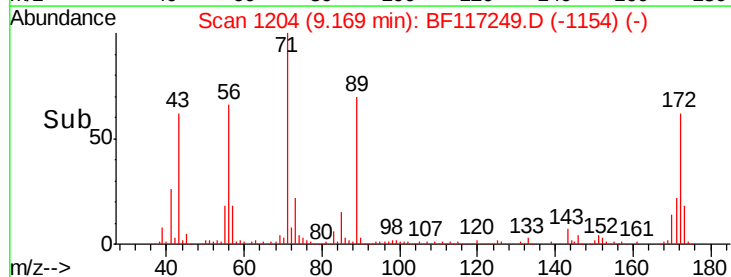
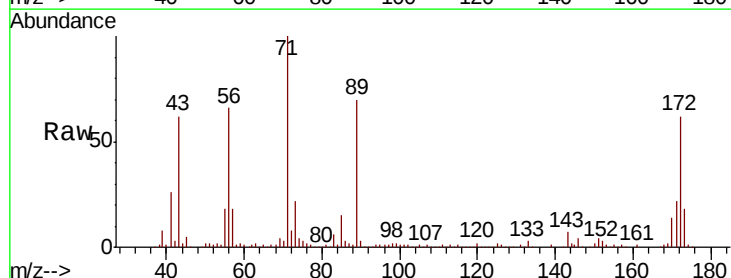
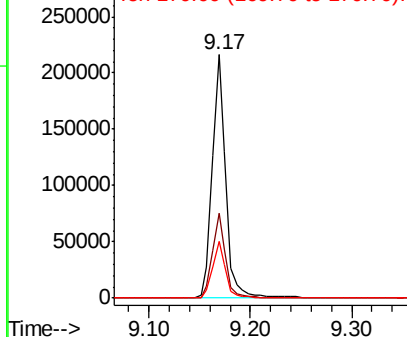
Tgt Ion:	172	Resp:	201230
Ion Ratio	Lower	Upper	
172	100		
171	35.1	28.2	42.2
170	23.4	18.9	28.3

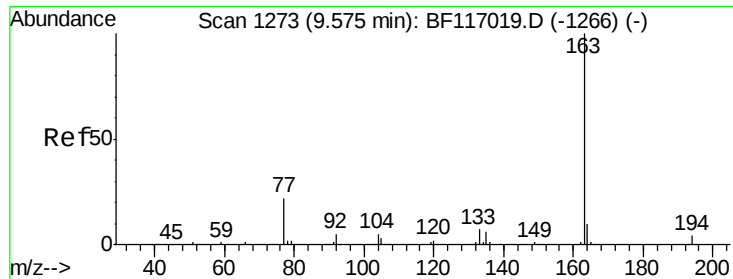
Abundance

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





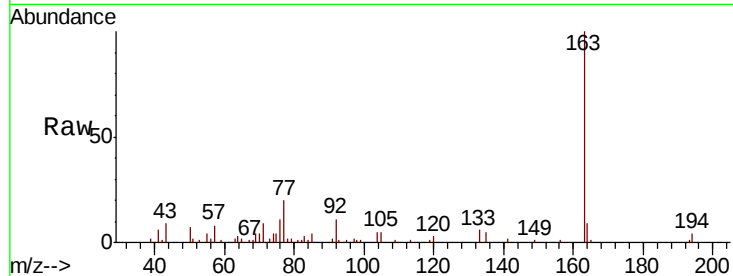
#50
Dimethylphthalate
Concen: 7.352 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF117249.D
Acq: 25 Sep 2019 19:18

Instrument :
BNA_F
ClientSampleId :
WALL-2

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.9	4.3
164	8.8	8.2	12.4

Manual Integrations
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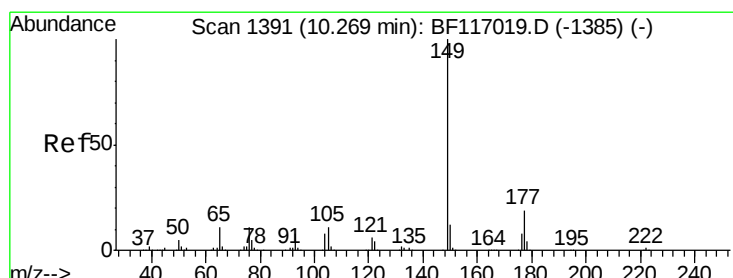
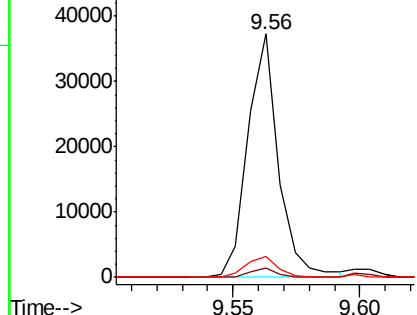
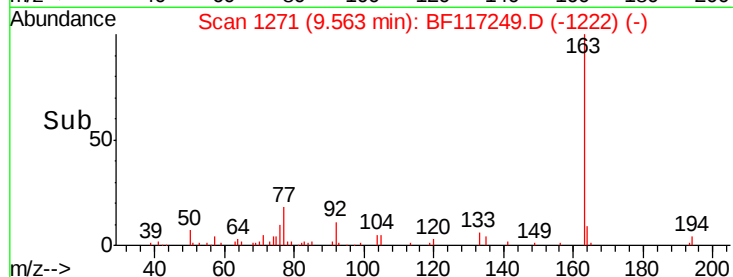


Abundance

Ion 163.00 (162.70 to 163.70): E

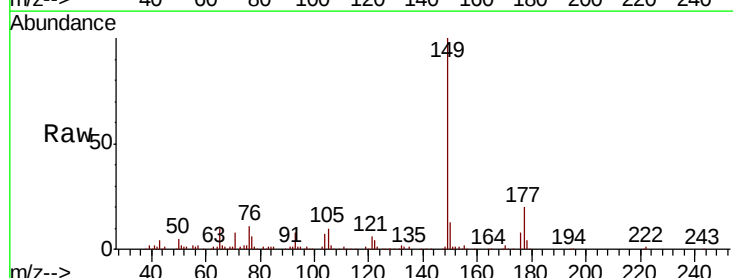
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#60
Diethylphthalate
Concen: 30.017 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF117249.D
Acq: 25 Sep 2019 19:18

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.5	15.2	22.8
150	12.5	9.9	14.9

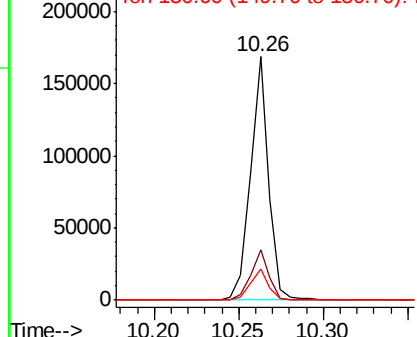
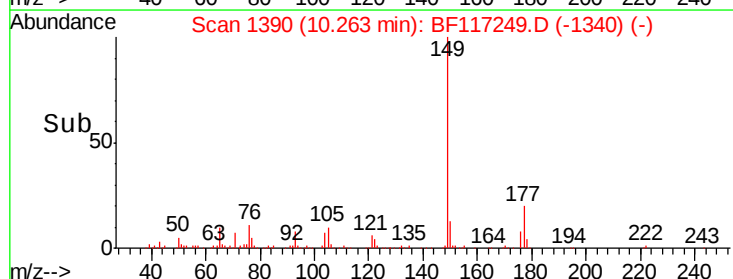


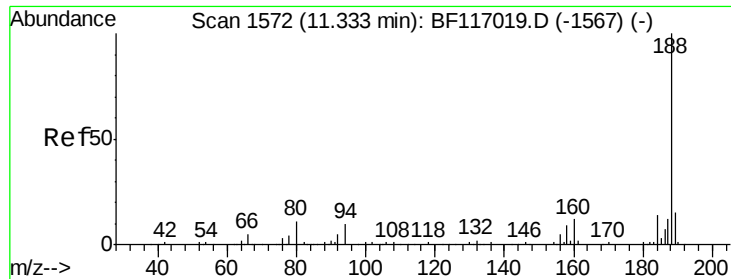
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





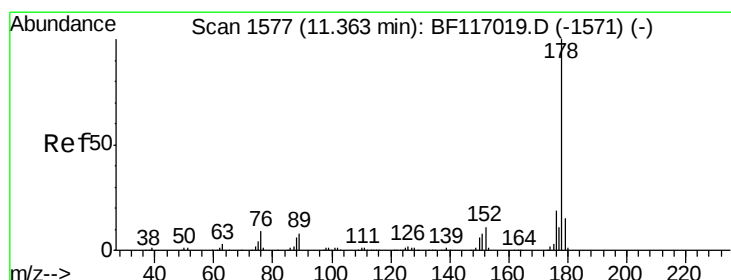
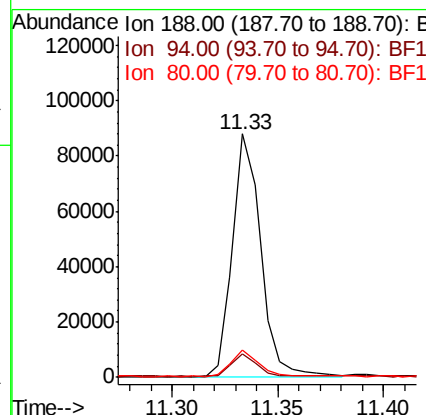
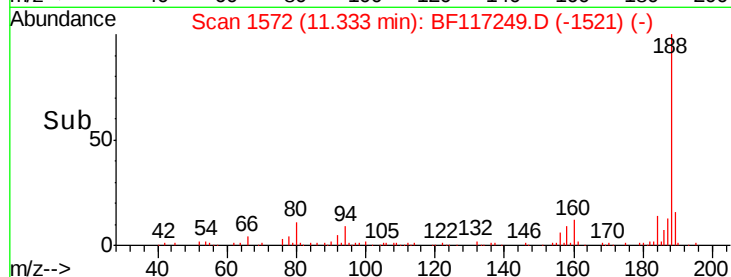
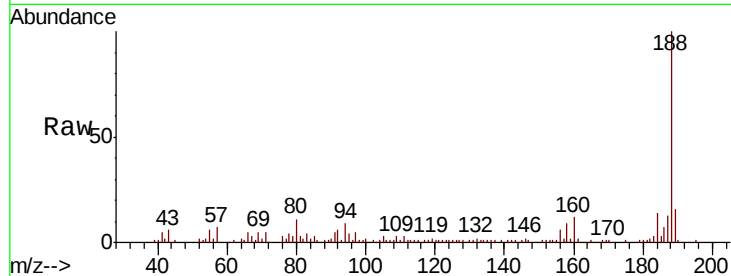
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117249.D
Acq: 25 Sep 2019 19:18

Instrument :
BNA_F
ClientSampleId :
WALL-2

Tot Ion	Ratio	Resp	Lower	Upper
188	100	82263		
94	9.4		8.2	12.2
80	11.3		9.0	13.6

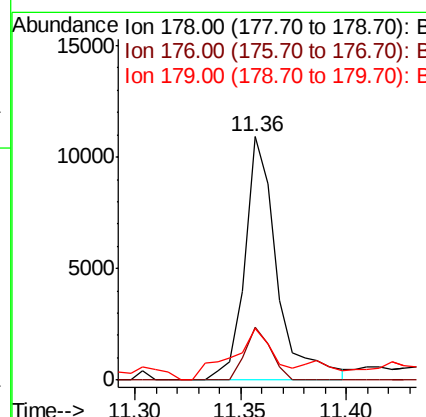
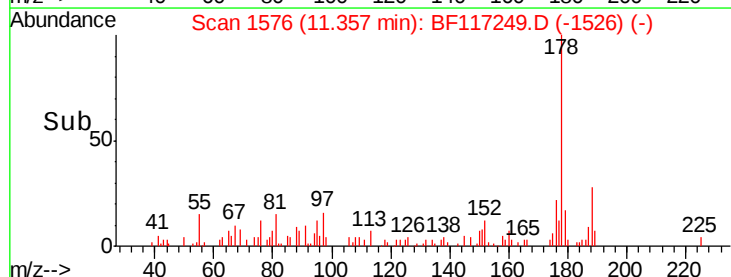
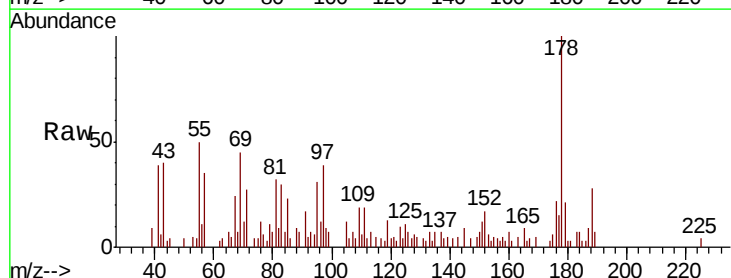
Manual Integrations
APPROVED

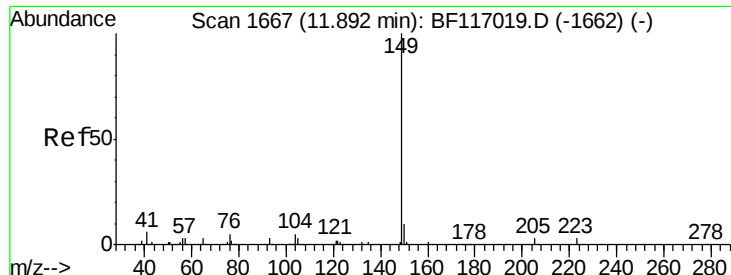
mohammad
9/26/2019 3:53:47 PM



#71
Phenanthrene
Concen: 2.468 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF117249.D
Acq: 25 Sep 2019 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	11533		
176	21.9		15.4	23.2
179	21.0		12.4	18.6





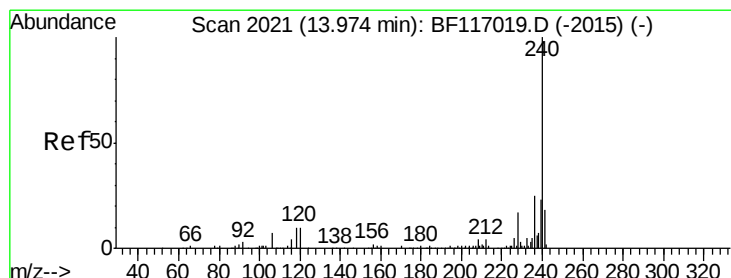
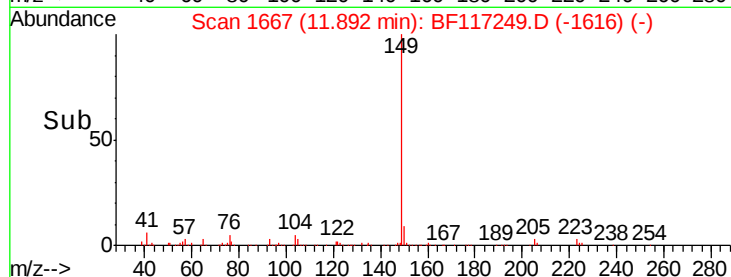
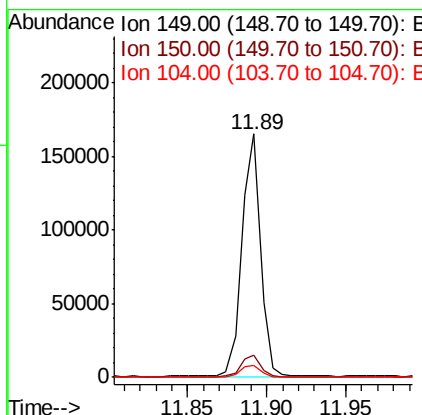
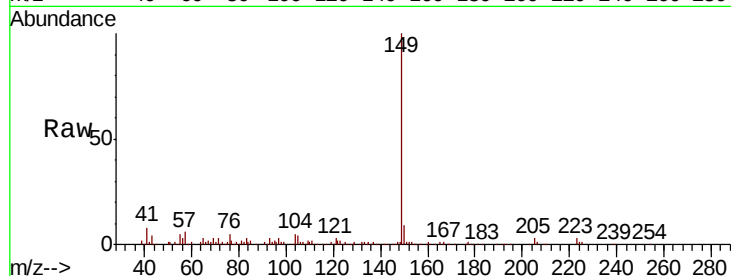
#74
Di-n-butylphthalate
Concen: 24.787 ng
RT: 11.89 min Scan# 1667
Delta R.T. 0.00 min
Lab File: BF117249.D
Acq: 25 Sep 2019 19:18

Instrument :
BNA_F
ClientSampleId :
WALL-2

Tot Ion	Ratio	Resp	Lower	Upper
149	100	133532		
150	8.8	7.7	11.5	
104	5.1	4.2	6.4	

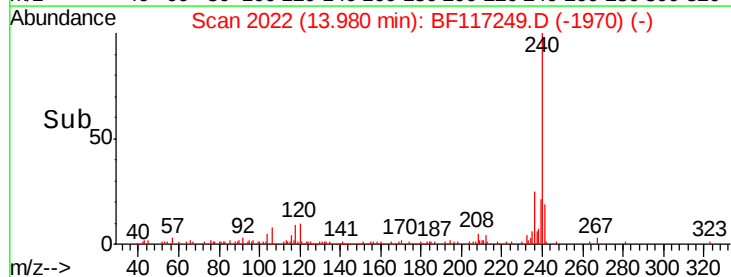
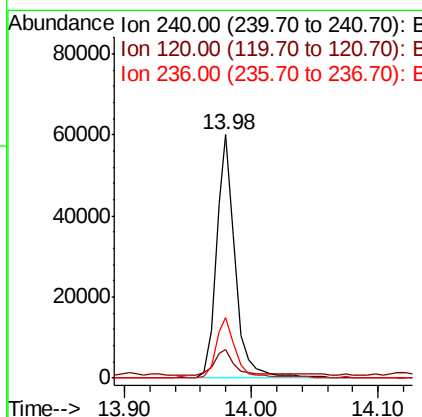
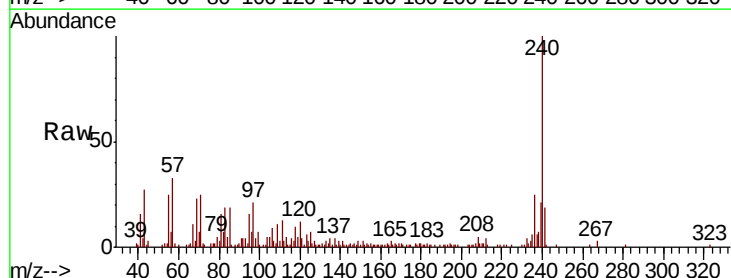
Manual Integrations
APPROVED

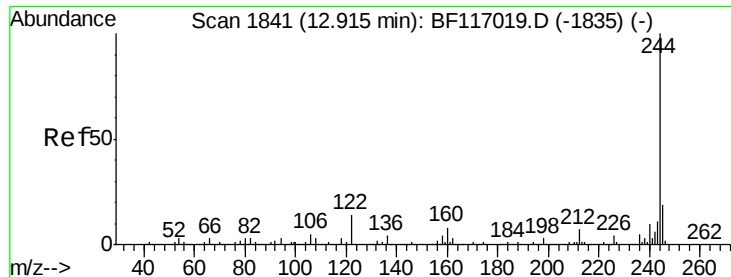
mohammad
9/26/2019 3:53:47 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF117249.D
Acq: 25 Sep 2019 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	61823		
120	11.6	8.3	12.5	
236	24.9	20.3	30.5	





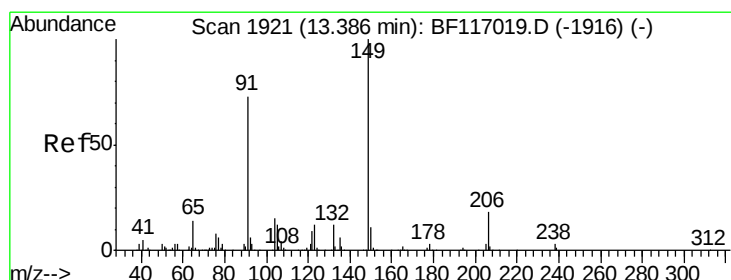
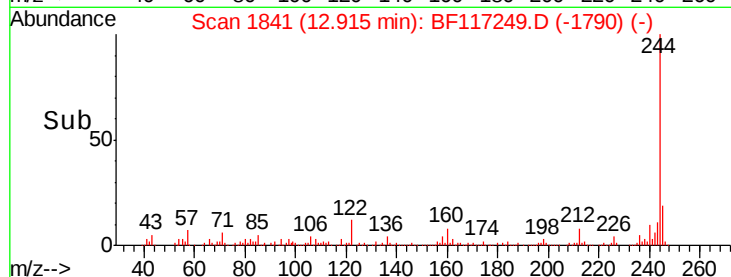
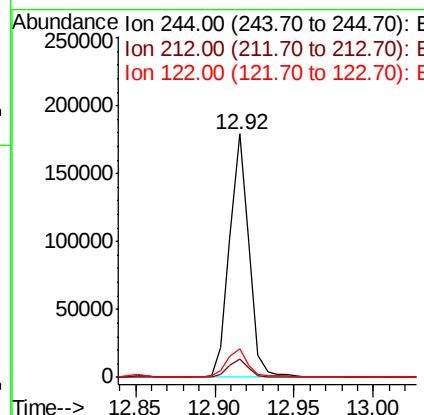
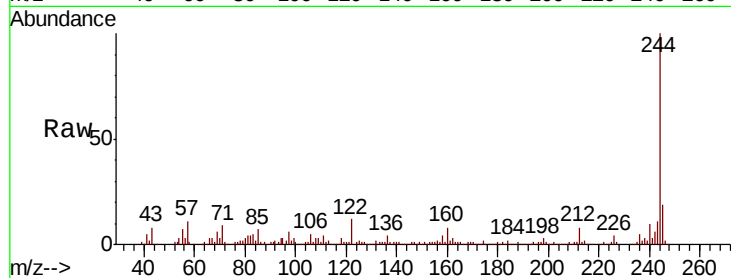
#79
Terphenyl-d14
Concen: 46.157 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BF117249.D
Acq: 25 Sep 2019 19:18

Instrument :
BNA_F
ClientSampleId :
WALL-2

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	7.8	5.8	8.8
122	11.8	11.3	16.9

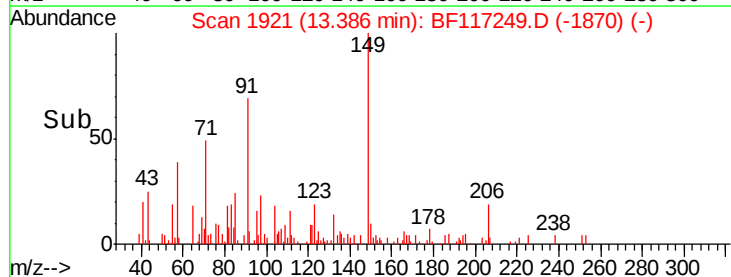
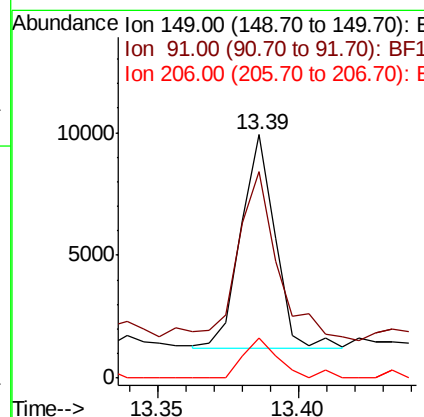
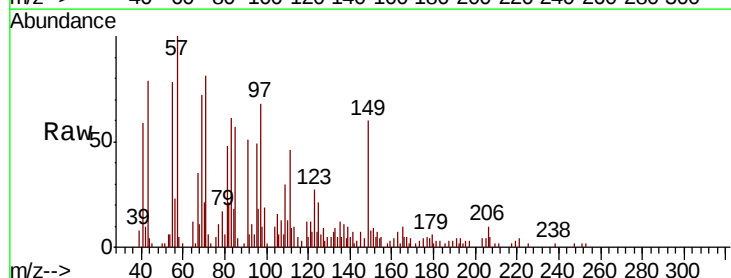
Manual Integrations
APPROVED

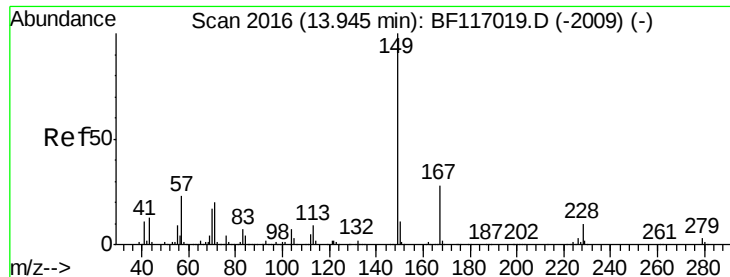
mohammad
9/26/2019 3:53:47 PM



#80
Butylbenzylphthalate
Concen: 2.975 ng
RT: 13.39 min Scan# 1921
Delta R.T. 0.00 min
Lab File: BF117249.D
Acq: 25 Sep 2019 19:18

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	85.0	58.8	88.2
206	16.5	14.1	21.1





#84

Bis(2-ethylhexyl)phthalate

Concen: 17.406 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF117249.D

Acq: 25 Sep 2019 19:18

Instrument :

BNA_F

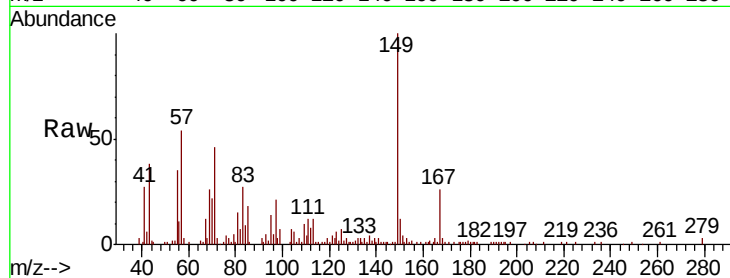
ClientSampleId :

WALL-2

Tot Ion:	149	Resp:	55009
Ion Ratio	Lower	Upper	
149	100		
167	25.9	22.2	33.2
279	3.1	2.8	4.2

Manual Integrations
APPROVED

mohammad
9/26/2019 3:53:47 PM

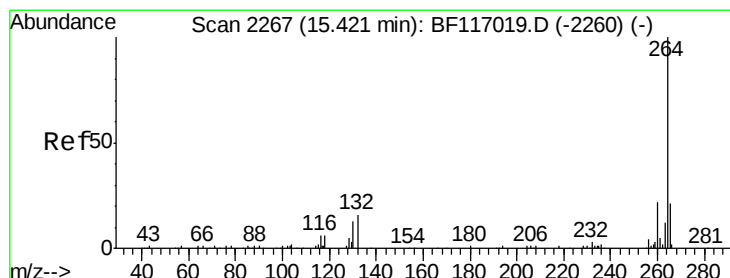
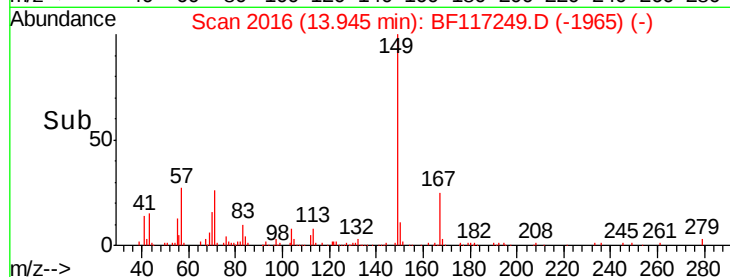
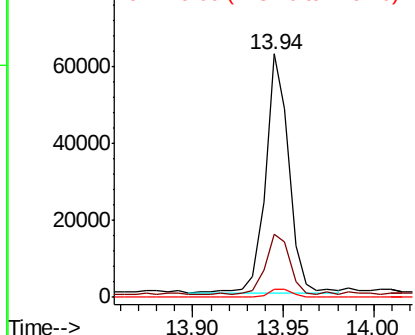


Abundance

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

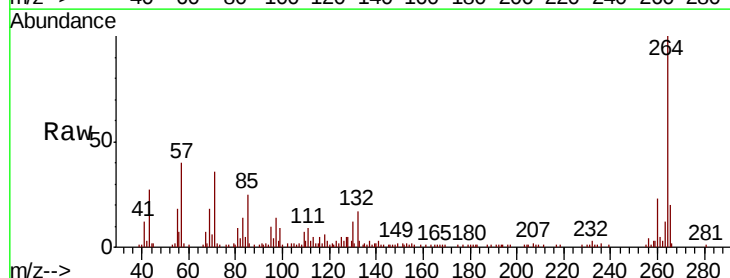
RT: 15.44 min Scan# 2270

Delta R.T. 0.02 min

Lab File: BF117249.D

Acq: 25 Sep 2019 19:18

Tgt Ion:	264	Resp:	65885
Ion Ratio	Lower	Upper	
264	100		
260	23.3	17.6	26.4
265	19.7	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

