

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
 Data File : BF116527.D
 Acq On : 25 Aug 2019 13:05
 Operator : HP/JU
 Sample : K4475-13
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T1-2-B

Manual Integrations
 APPROVED

mohammad
 8/29/2019 7:53:00 AM

Quant Time: Aug 26 06:47:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	160825	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	638838	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	330908	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	508116	20.00	ng	0.00
76) Chrysene-d12	14.03	240	293141	20.00	ng	0.00
87) Perylene-d12	15.50	264	265687	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1021530	92.81	ng	0.01
7) Phenol-d6	6.51	99	1398015	103.59	ng	0.00
23) Nitrobenzene-d5	7.44	82	897024	76.82	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	314356	110.63	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1553464	75.60	ng	0.00
79) Terphenyl-d14	12.99	244	1320758	84.16	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.62	163	123860	5.365	ng	99
75) Fluoranthene	12.60	202	67928	2.374	ng	93
78) Pyrene	12.83	202	72423	3.089	ng	97
84) Bis(2-ethylhexyl)phthalate	14.02	149	73538	5.447	ng	98
88) Benzo(b)fluoranthene	15.06	252	41516m	2.529	ng	

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

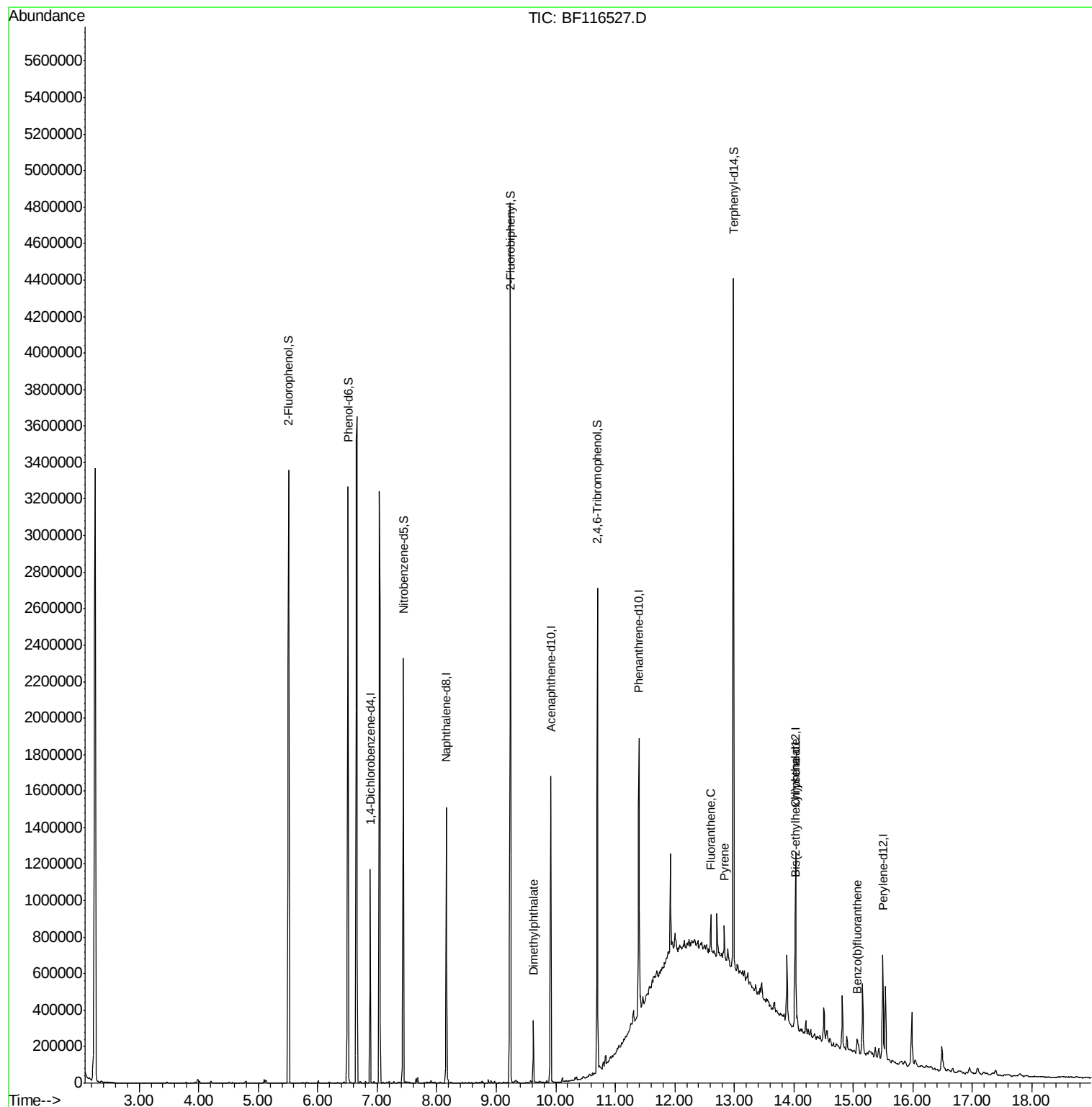
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
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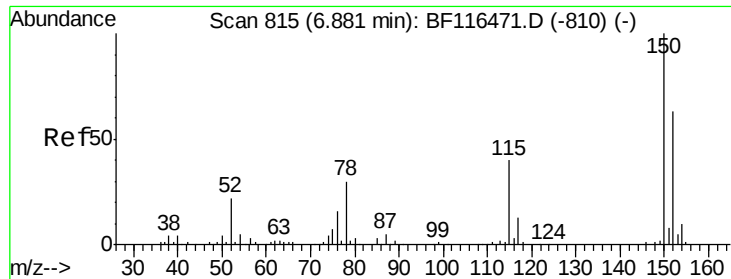
Instrument :
BNA_F
ClientSampleId :
T1-2-B

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#1

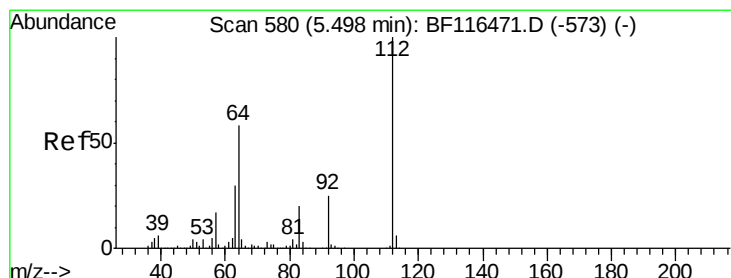
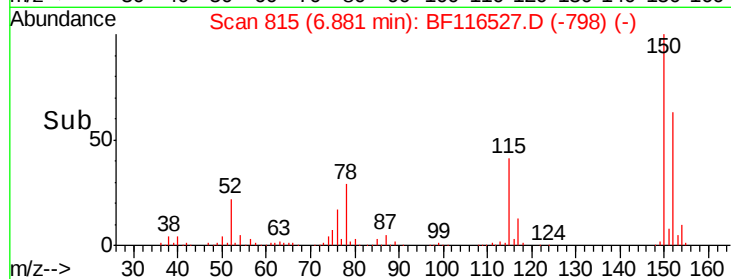
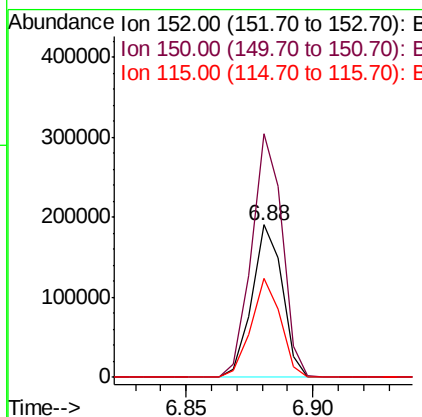
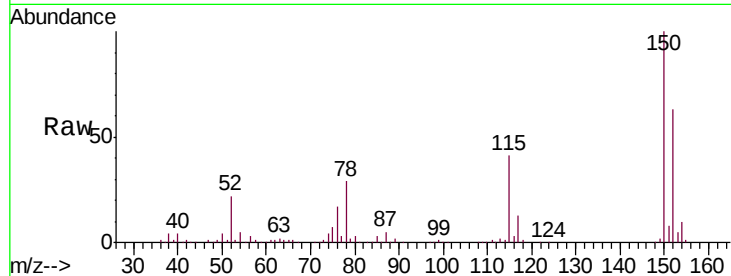
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF116527.D
Acq: 25 Aug 2019 13:05

Instrument :
BNA_F
ClientSampleId :
T1-2-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	126.7	190.1
115	64.9	50.9	76.3

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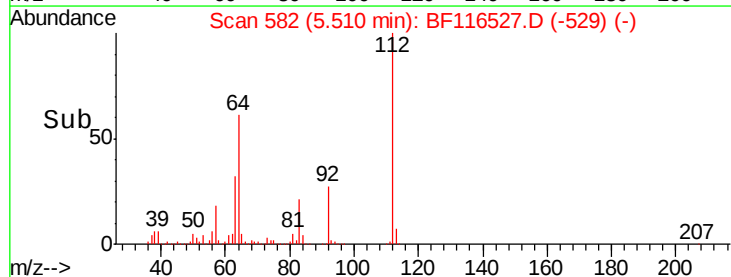
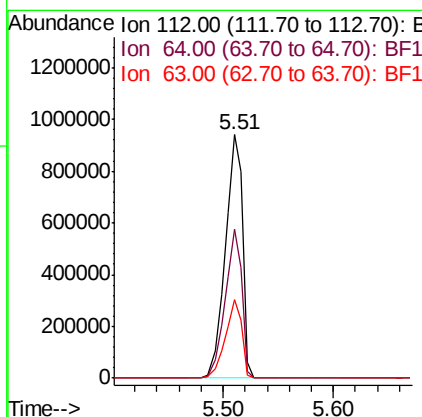
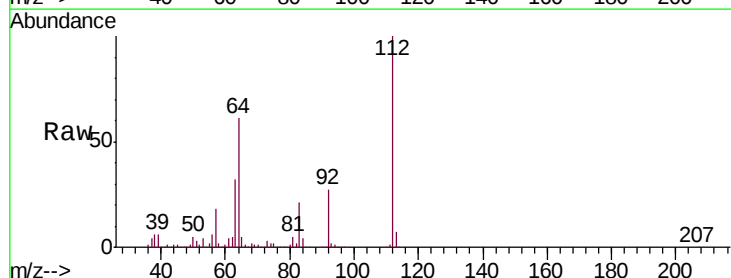
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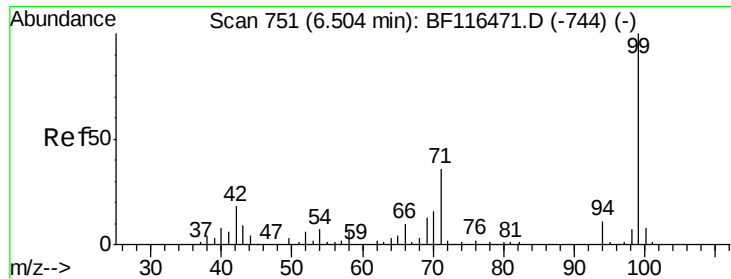


#5

2-Fluorophenol
Concen: 92.809 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF116527.D
Acq: 25 Aug 2019 13:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	46.3	69.5
63	32.4	24.2	36.4





#7

Phenol-d6

Concen: 103.588 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF116527.D

Acq: 25 Aug 2019 13:05

Instrument :

BNA_F

ClientSampleId :

T1-2-B

Tot Ion: 99 Resp: 1398015

Ion Ratio Lower Upper

99 100

42 17.8 14.6 21.8

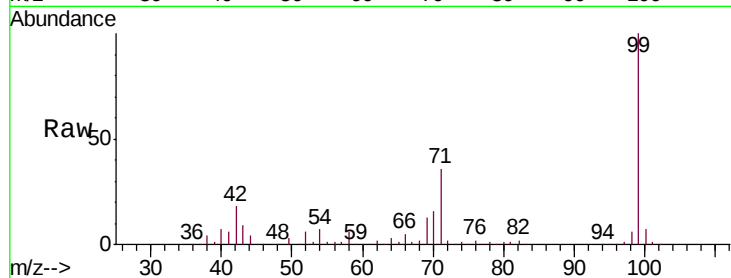
71 36.4 28.5 42.7

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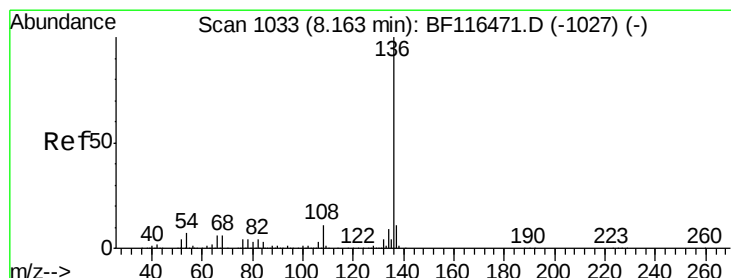
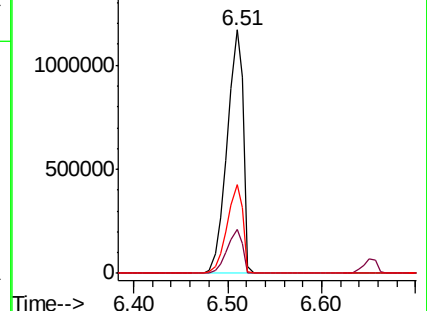
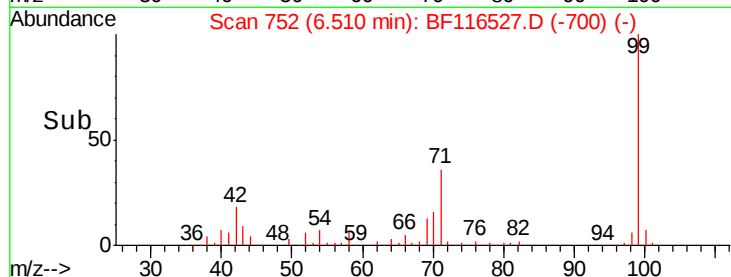
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF116527.D

Acq: 25 Aug 2019 13:05

Tgt Ion: 136 Resp: 638838

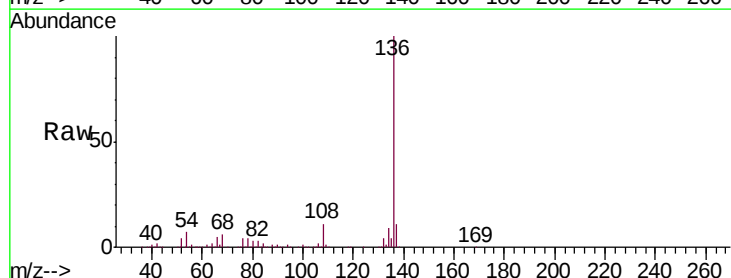
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 6.7 5.8 8.6

68 6.0 5.1 7.7

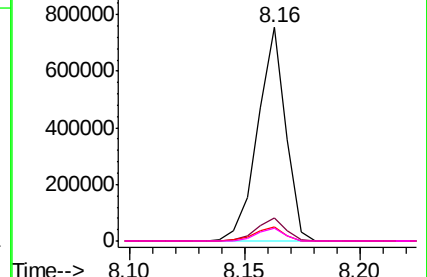
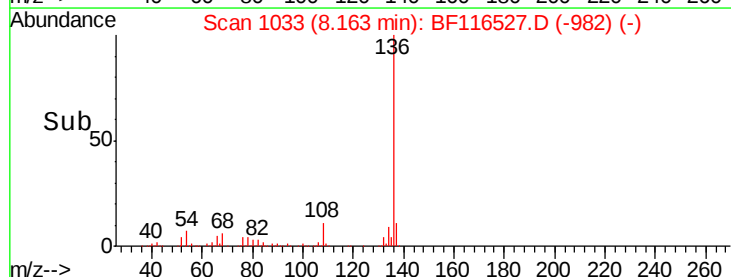


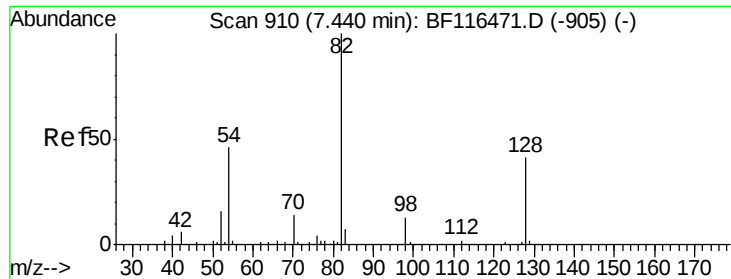
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 76.821 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF116527.D

Acq: 25 Aug 2019 13:05

Instrument :

BNA_F

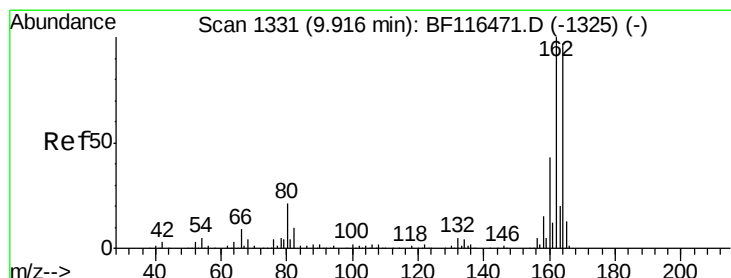
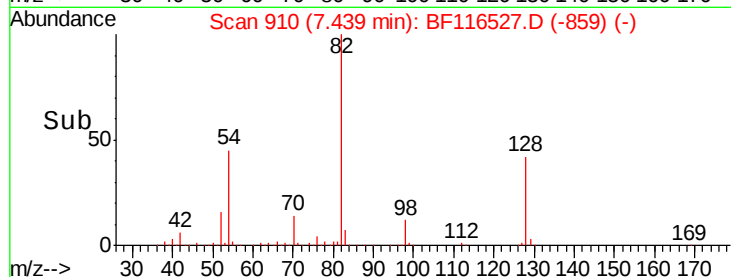
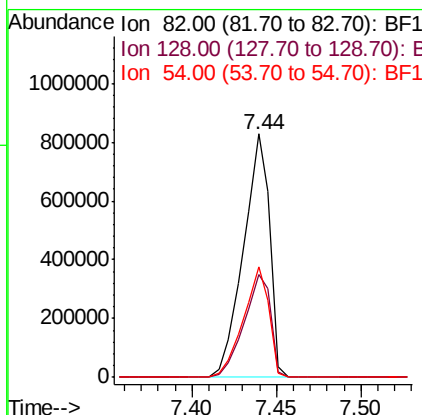
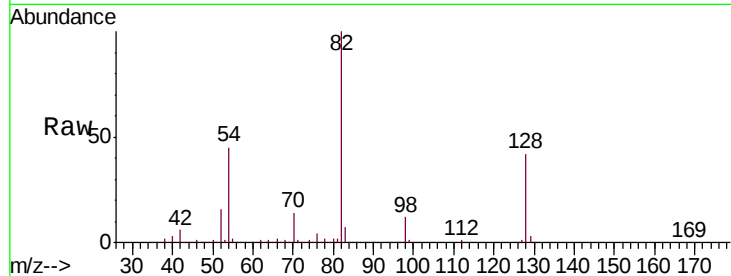
ClientSampled :

T1-2-B

Tot Ion:	82	Resp:	897024
Ion Ratio	Lower	Upper	
82	100		
128	42.2	32.2	48.4
54	45.2	36.5	54.7

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#39

Acenaphthene-d10

Concen: 20.000 ng

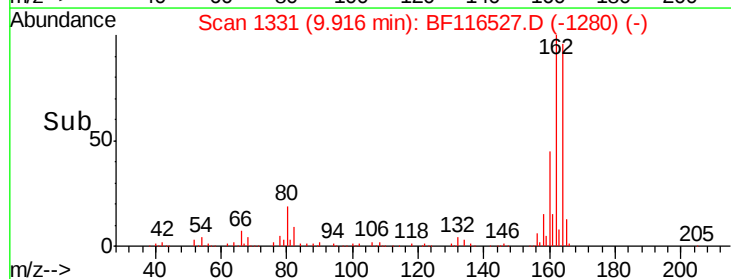
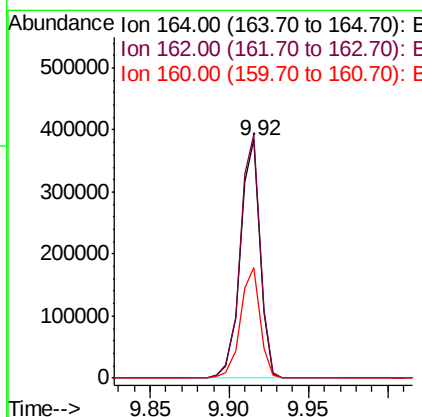
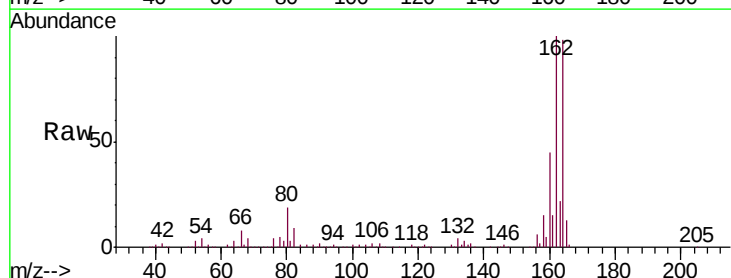
RT: 9.92 min Scan# 1331

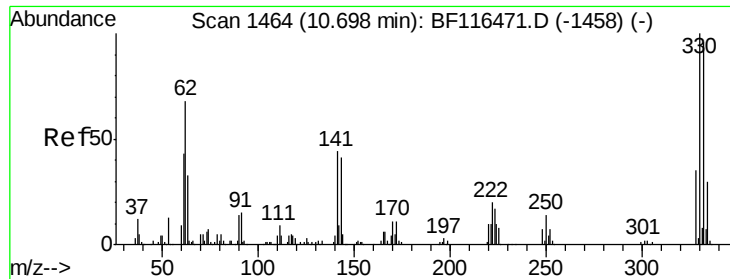
Delta R.T. -0.00 min

Lab File: BF116527.D

Acq: 25 Aug 2019 13:05

Tgt Ion:	164	Resp:	330908
Ion Ratio	Lower	Upper	
164	100		
162	102.2	82.6	123.8
160	46.2	35.8	53.8





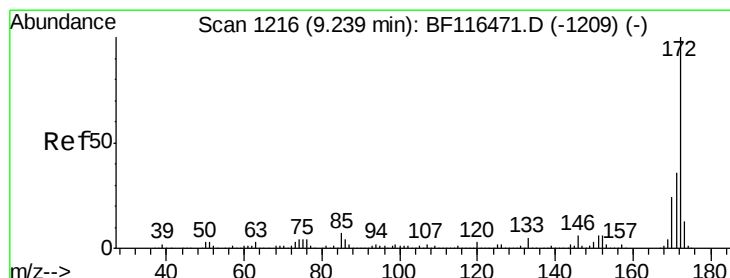
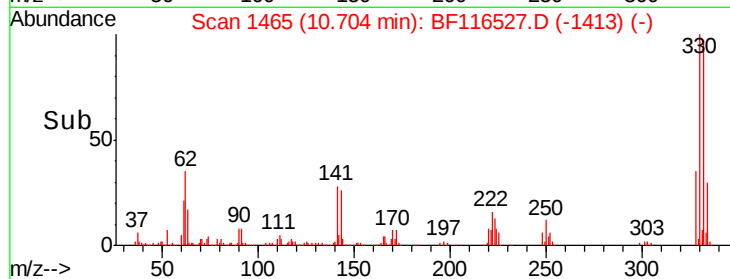
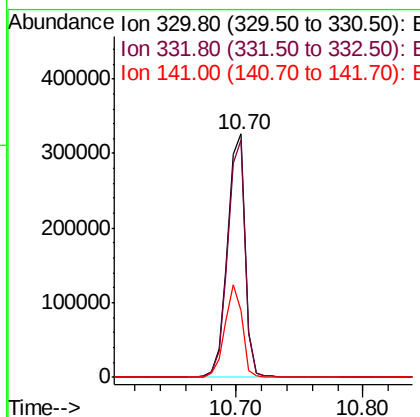
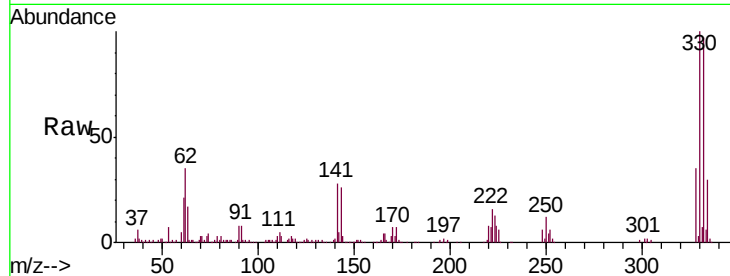
#42
 2,4,6-Tribromophenol
 Concen: 110.634 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.01 min
 Lab File: BF116527.D
 Acq: 25 Aug 2019 13:05

Instrument :
 BNA_F
 ClientSampleId :
 T1-2-B

Tot Ion	Ratio	Resp	Lower	Upper
330	100	314356		
332	96.1	77.2	115.8	
141	37.8	33.3	49.9	

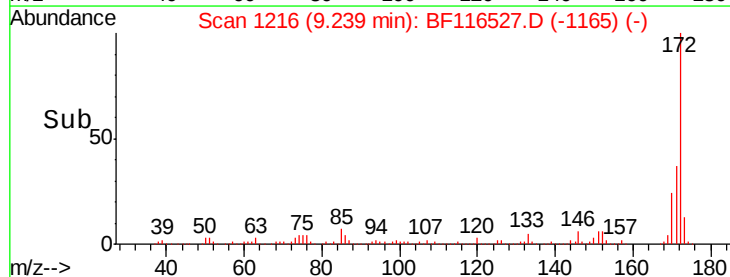
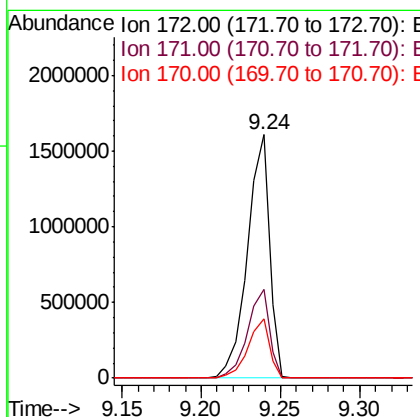
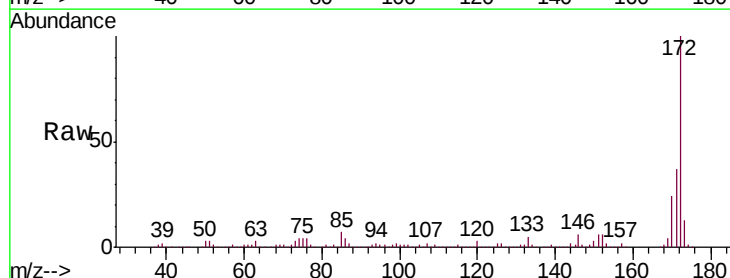
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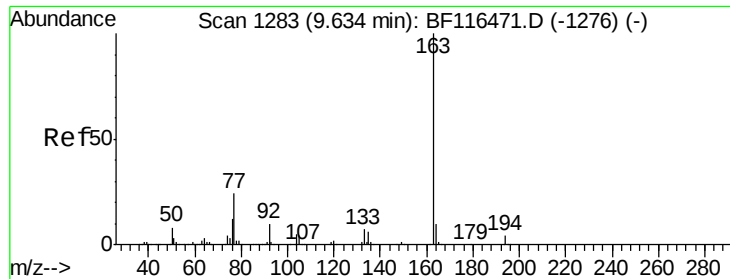
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#45
 2-Fluorobiphenyl
 Concen: 75.601 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF116527.D
 Acq: 25 Aug 2019 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1553464		
171	36.7	28.9	43.3	
170	24.3	19.4	29.0	





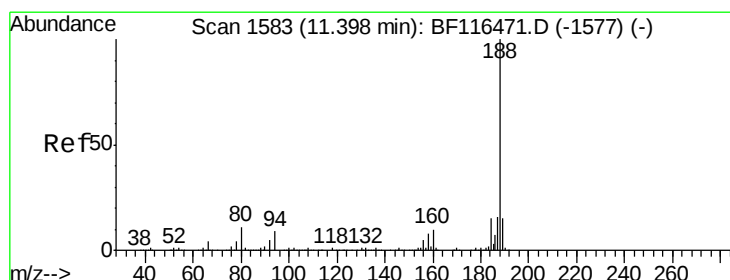
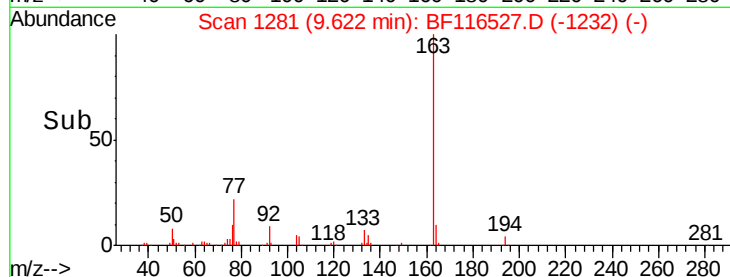
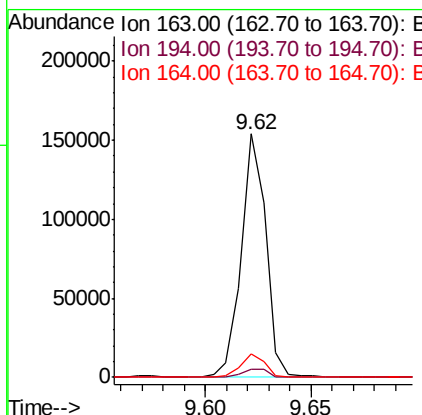
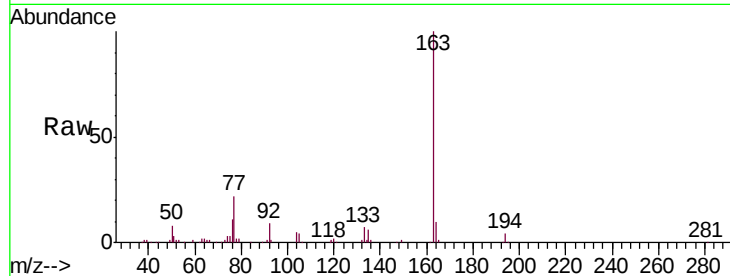
#50
Dimethylphthalate
Concen: 5.365 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF116527.D
Acq: 25 Aug 2019 13:05

Instrument :
BNA_F
ClientSampleId :
T1-2-B

Tot Ion:	163	Resp:	123860
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.9	4.3
164	9.8	8.2	12.2

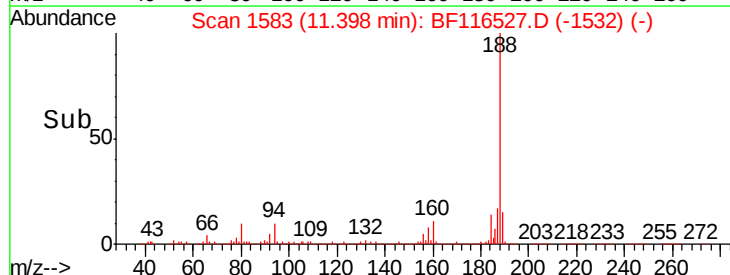
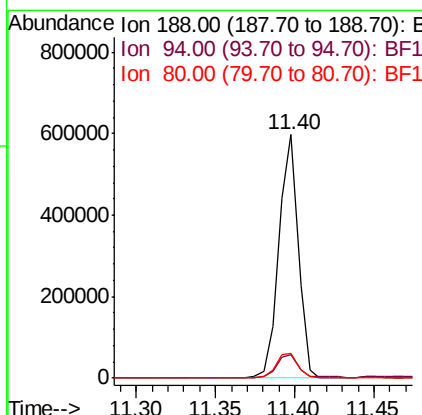
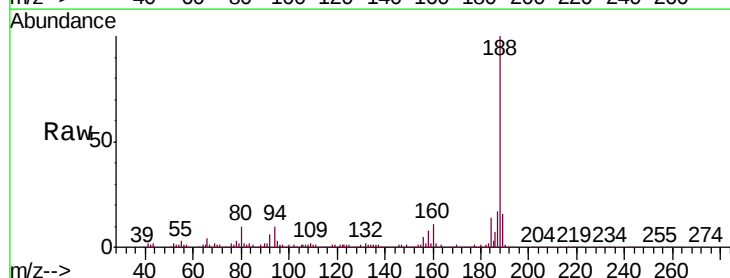
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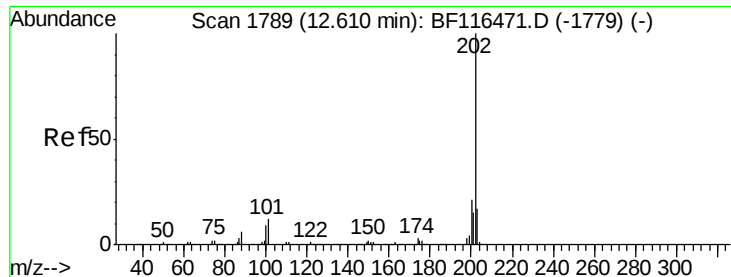
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF116527.D
Acq: 25 Aug 2019 13:05

Tgt Ion:	188	Resp:	508116
Ion Ratio	Lower	Upper	
188	100		
94	9.7	7.4	11.2
80	10.4	8.6	12.8





#75

Fluoranthene

Concen: 2.374 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.01 min

Lab File: BF116527.D

Acq: 25 Aug 2019 13:05

Instrument :

BNA_F

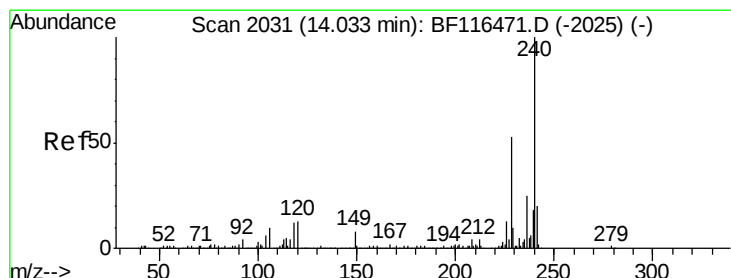
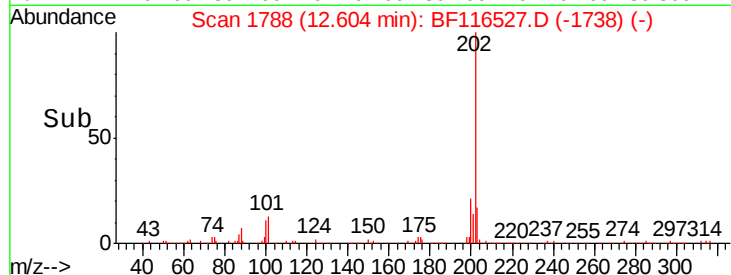
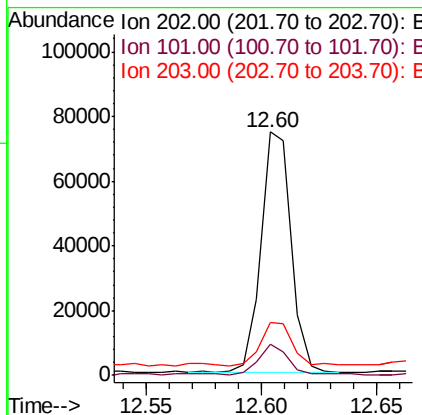
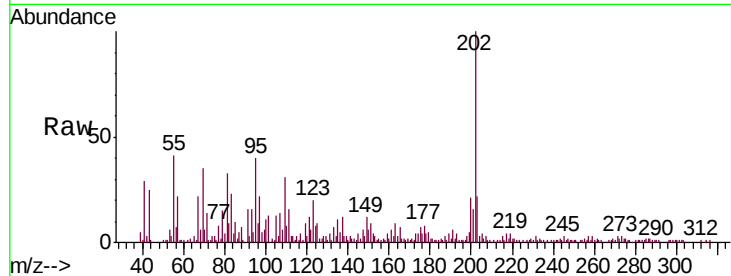
ClientSampled :

T1-2-B

Tot Ion:	202	Resp:	67928
Ion Ratio	Lower	Upper	
202	100		
101	12.7	0.0	31.5
203	21.8	0.0	37.5

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#76

Chrysene-d12

Concen: 20.000 ng

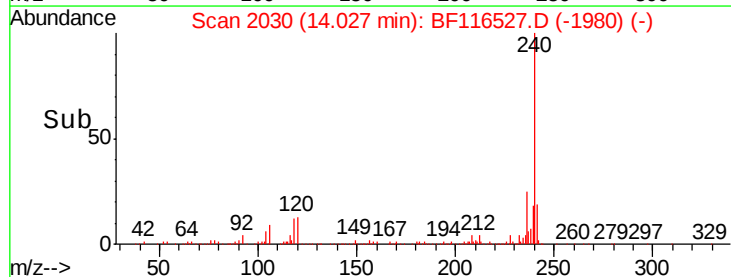
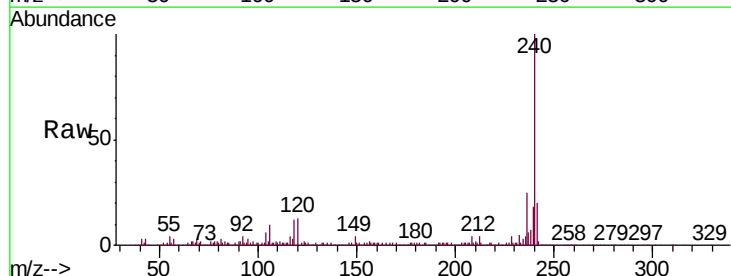
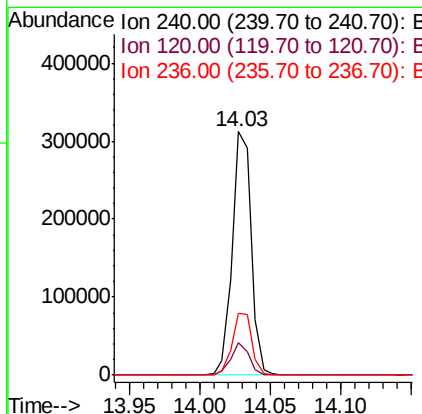
RT: 14.03 min Scan# 2030

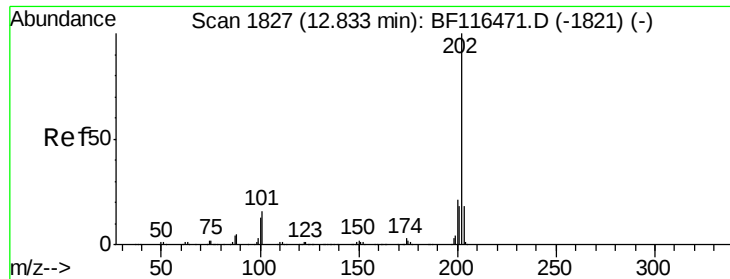
Delta R.T. -0.01 min

Lab File: BF116527.D

Acq: 25 Aug 2019 13:05

Tgt Ion:	240	Resp:	293141
Ion Ratio	Lower	Upper	
240	100		
120	13.4	10.5	15.7
236	25.3	20.2	30.2





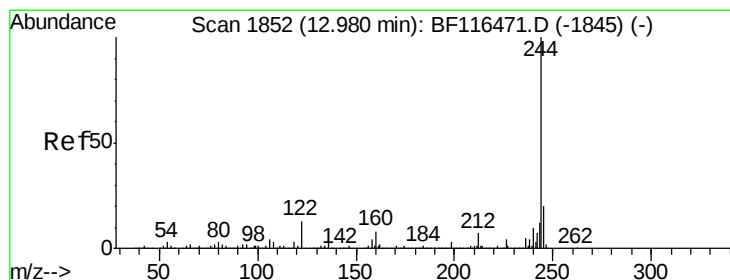
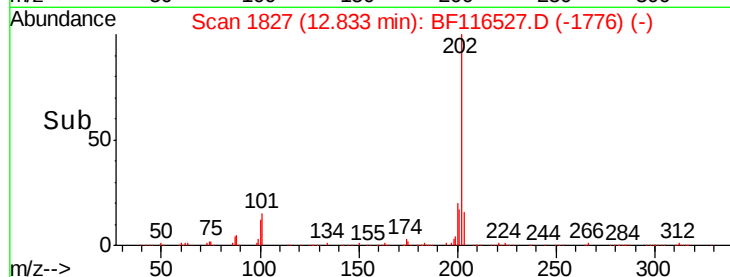
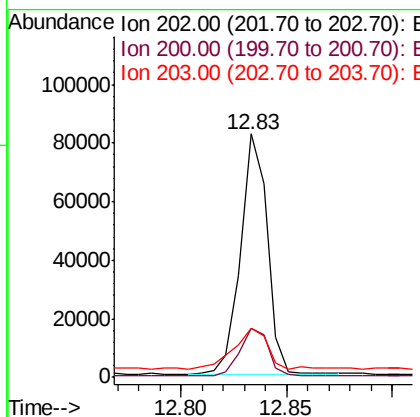
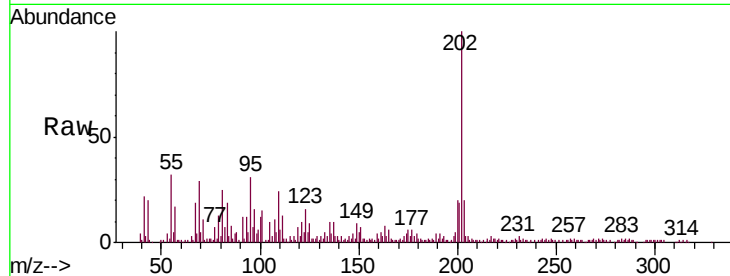
#78
Pvrene
Concen: 3.089 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF116527.D
Acq: 25 Aug 2019 13:05

Instrument :
BNA_F
ClientSampled :
T1-2-B

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.0	25.4
203	19.9	14.2	21.4

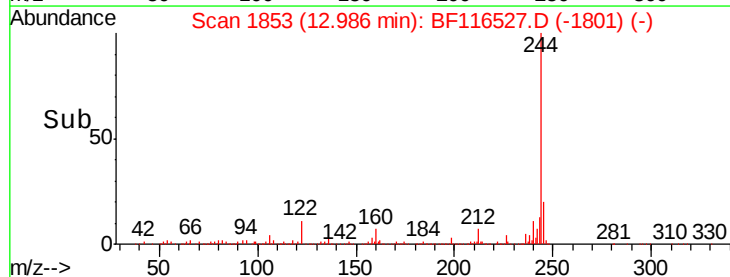
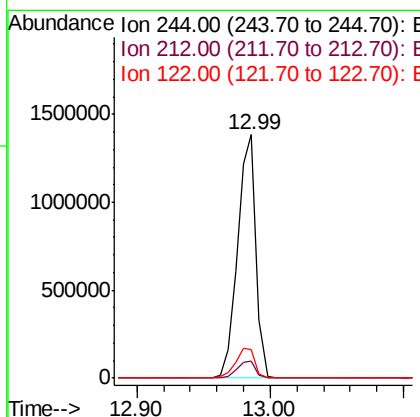
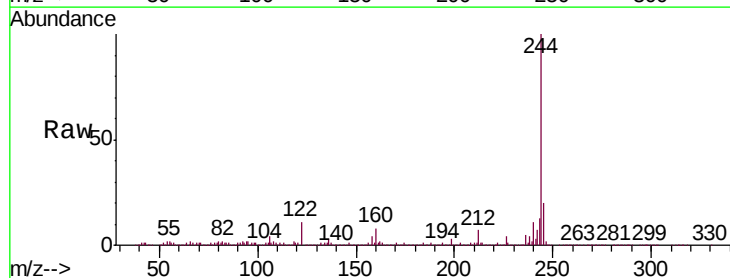
Manual Integrations
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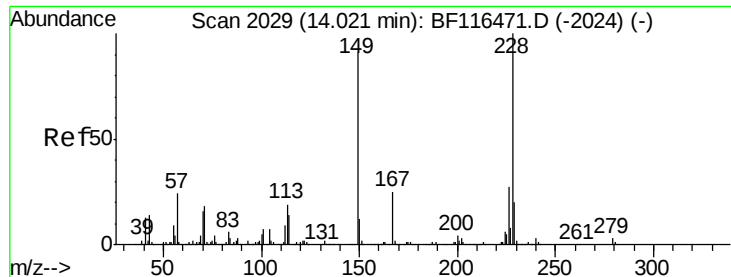
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#79
Terphenyl-d14
Concen: 84.159 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.01 min
Lab File: BF116527.D
Acq: 25 Aug 2019 13:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	11.5	10.2	15.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 5.447 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF116527.D

Acq: 25 Aug 2019 13:05

Instrument :

BNA_F

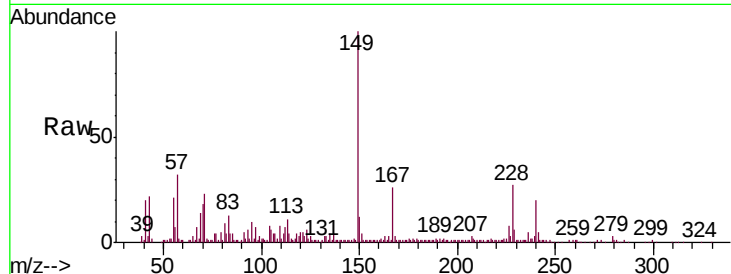
ClientSampleId :

T1-2-B

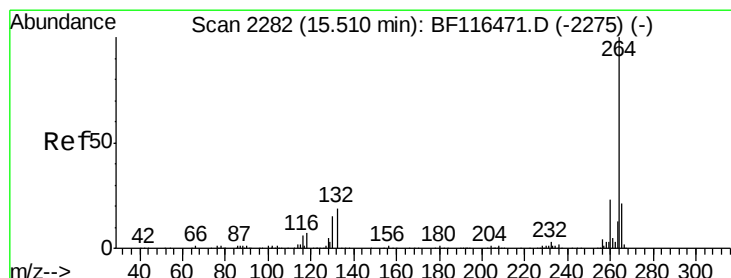
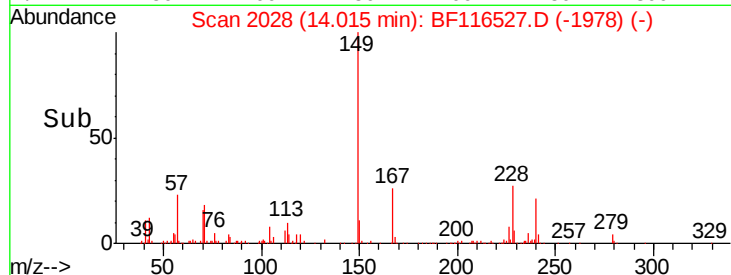
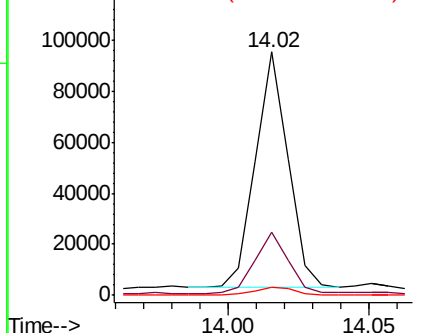
Tot Ion:	149	Resp:	73538
Ion Ratio	Lower	Upper	
149	100		
167	26.0	21.8	32.6
279	3.4	3.0	4.4

Manual Integrations
APPROVED

mohammad
8/29/2019 7:53:00 AM



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

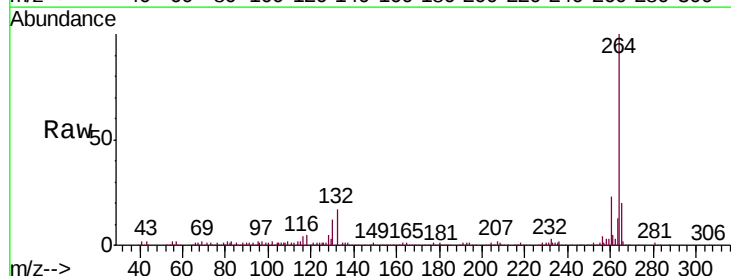
RT: 15.50 min Scan# 2280

Delta R.T. -0.01 min

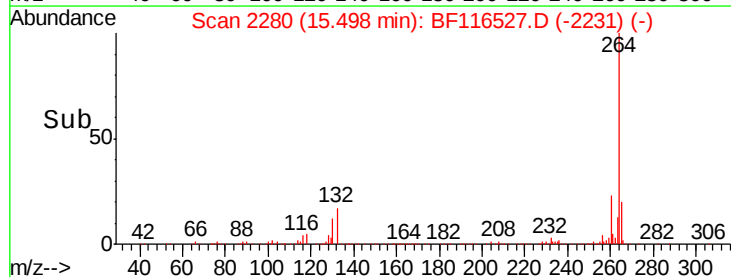
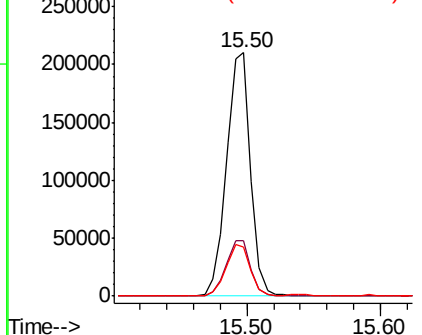
Lab File: BF116527.D

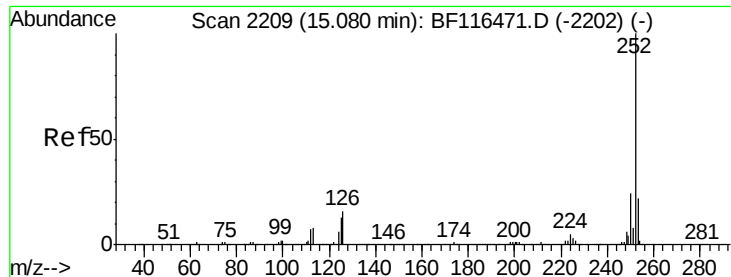
Acq: 25 Aug 2019 13:05

Tgt Ion:	264	Resp:	265687
Ion Ratio	Lower	Upper	
264	100		
260	22.9	18.8	28.2
265	20.3	17.1	25.7



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: 2.529 ng/ml
 RT: 15.06 min Scan# 2206
 Delta R.T. -0.02 min
 Lab File: BF116527.D
 Acq: 25 Aug 2019 13:05

Instrument :
 BNA_F
 ClientSampleId :
 T1-2-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	15.3	10.1	15.1

Manual Integrations
 APPROVED

mohammad
 8/29/2019 7:53:00 AM

