

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100119\
 Data File : BF117286.D
 Acq On : 1 Oct 2019 19:35
 Operator : JU
 Sample : K4663-10 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-093019

Manual Integrations
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Quant Time: Oct 02 10:41:45 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	6.80	152	52032	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	206757	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	92067	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	117924	20.00	ng	0.00
76) Chrysene-d12	13.97	240	85265	20.00	ng	0.00
87) Perylene-d12	15.43	264	71745	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	120386	36.12	ng	-0.01
7) Phenol-d6	6.45	99	164533	38.20	ng	-0.01
23) Nitrobenzene-d5	7.37	82	97424	24.76	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	22900	29.76	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	179225	30.44	ng	-0.01
79) Terphenyl-d14	12.91	244	116225	25.48	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	33560	5.148	ng	99
75) Fluoranthene	12.54	202	32189	4.677	ng	97
78) Pyrene	12.77	202	32529	4.547	ng	99
81) Benzo(a)anthracene	13.96	228	17547	3.080	ng	# 91
83) Chrysene	14.00	228	19313	3.476	ng	# 92
88) Benzo(b)fluoranthene	15.01	252	16624m	3.825	ng	
90) Benzo(a)pyrene	15.37	252	12540	3.288	ng	# 87
92) Benzo(g,h,i)perylene	17.32	276	6810	2.249	ng	# 94

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

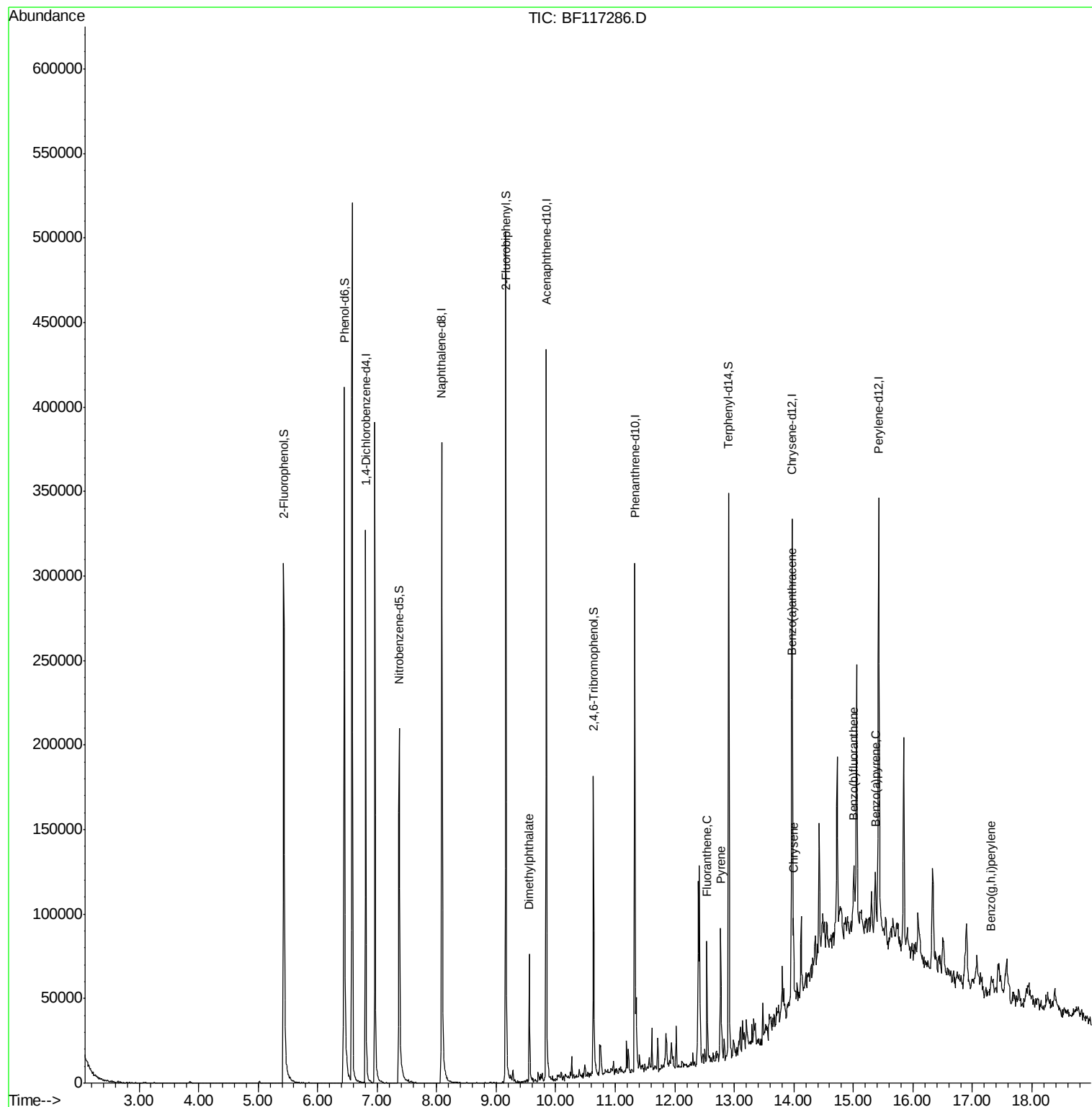
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100119\
Data File : BF117286.D
Acq On : 1 Oct 2019 19:35
Operator : JU
Sample : K4663-10 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

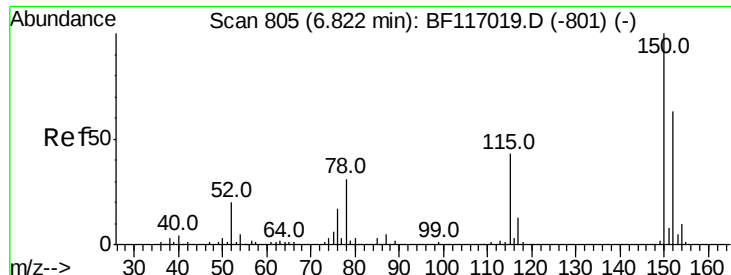
Instrument :
BNA_F
ClientSampleId :
OK-01-093019

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Quant Time: Oct 02 10:41:45 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





#1

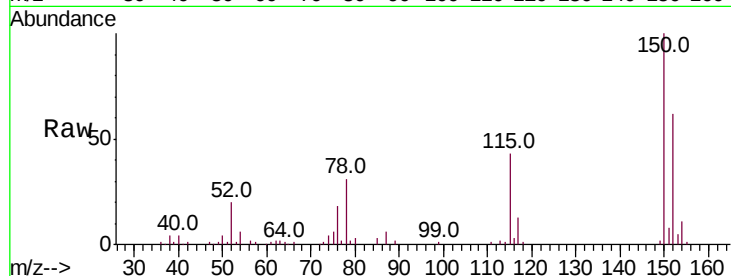
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF117286.D
Acq: 1 Oct 2019 19:35

Instrument :
BNA_F
ClientSampleId :
OK-01-093019

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	127.5	191.3
115	68.9	55.0	82.4

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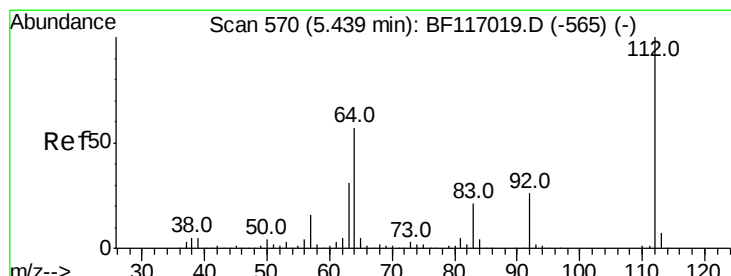
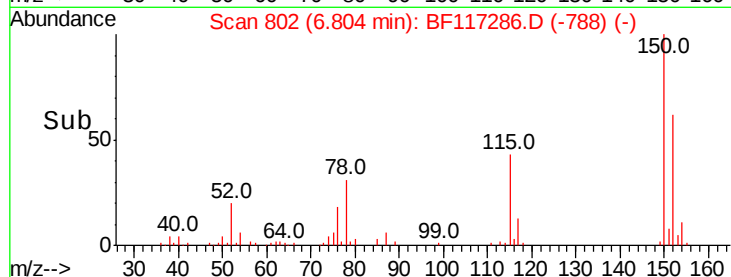
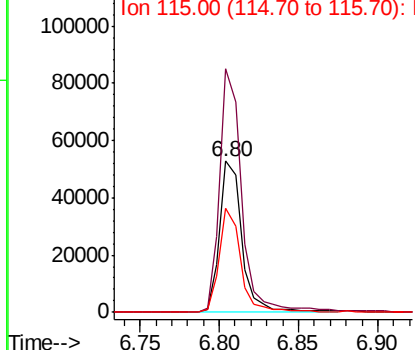


Abundance

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: 36.122 ng
RT: 5.43 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF117286.D
Acq: 1 Oct 2019 19:35

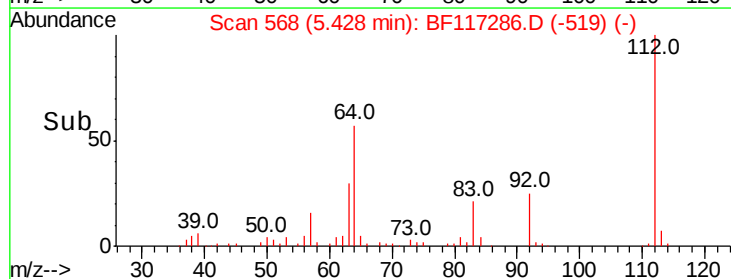
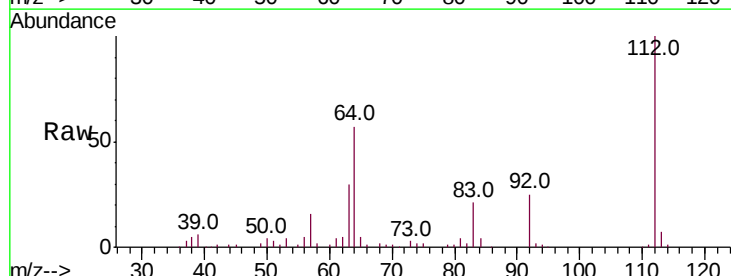
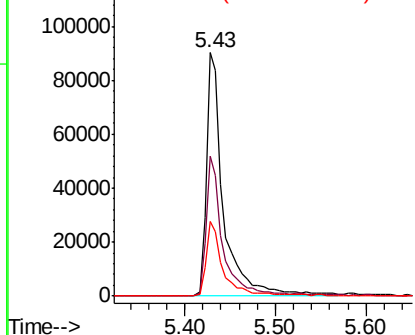
Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	45.7	68.5
63	30.5	24.9	37.3

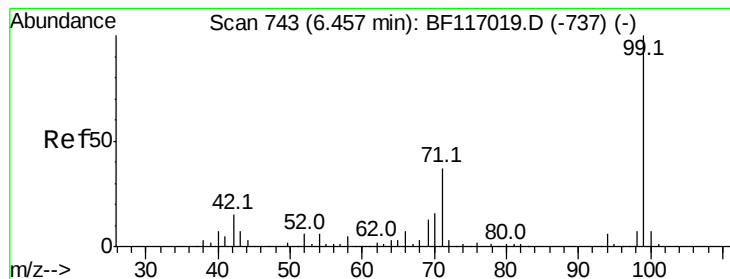
Abundance

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: 38.201 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF117286.D

Acq: 1 Oct 2019 19:35

Instrument :

BNA_F

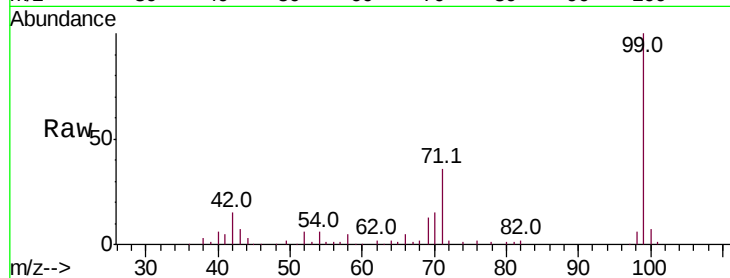
ClientSampleId :

OK-01-093019

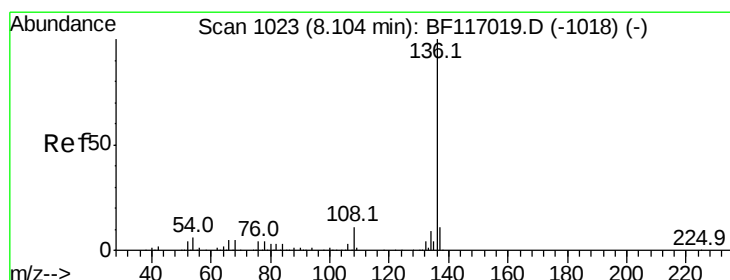
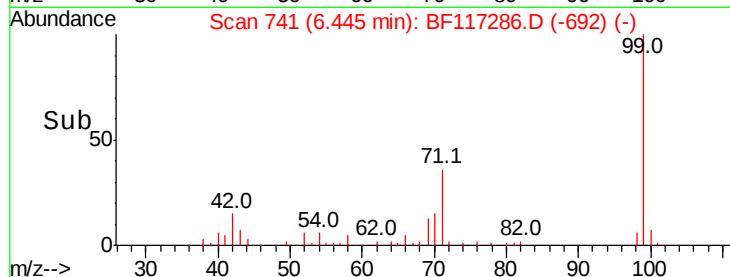
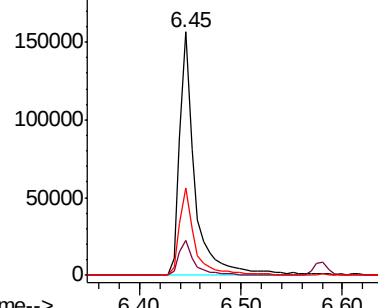
Tot Ion:	99	Resp:	164533
Ion	Ratio	Lower	Upper
99	100		
42	14.5	12.2	18.2
71	36.0	29.8	44.8

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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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

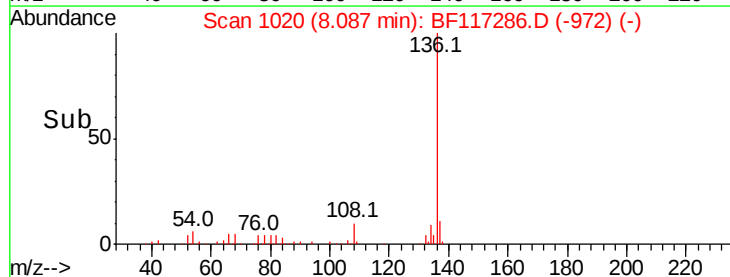
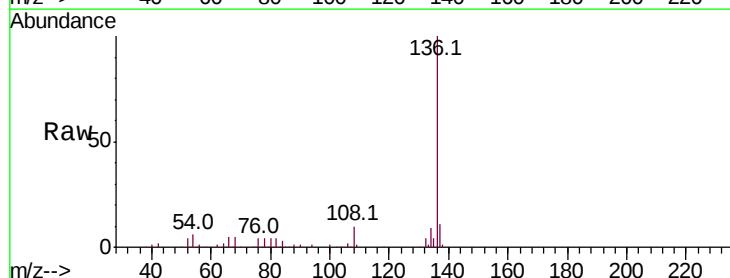
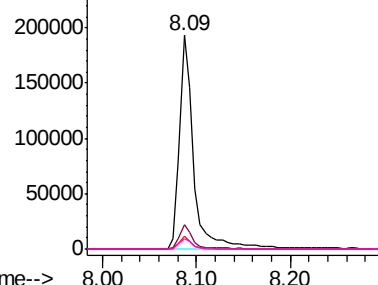
Delta R.T. -0.02 min

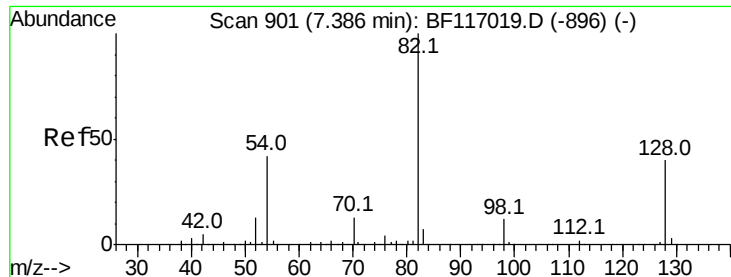
Lab File: BF117286.D

Acq: 1 Oct 2019 19:35

Tgt Ion:	136	Resp:	206757
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	5.9	4.5	6.7
68	4.7	4.0	6.0

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





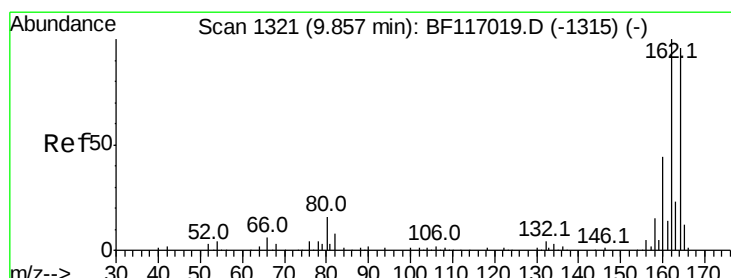
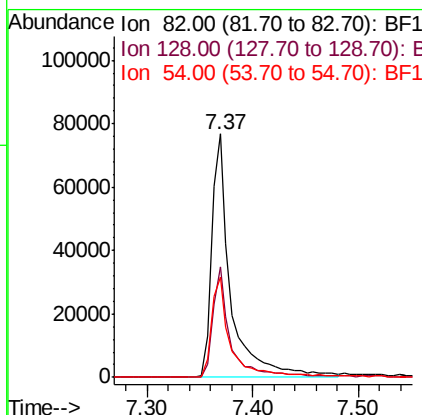
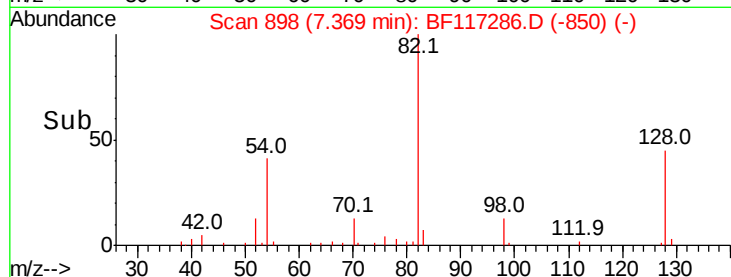
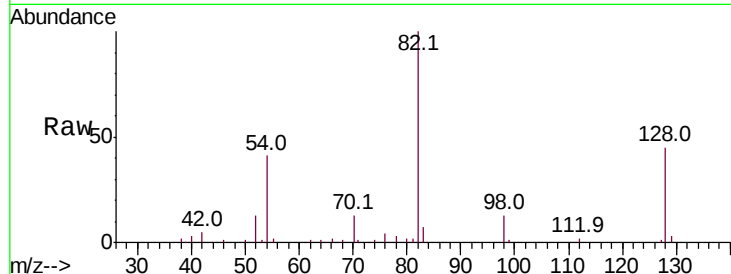
#23
 Nitrobenzene-d5
 Concen: 24.758 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF117286.D
 Acq: 1 Oct 2019 19:35

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-093019

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	32.3	48.5
54	40.9	33.3	49.9

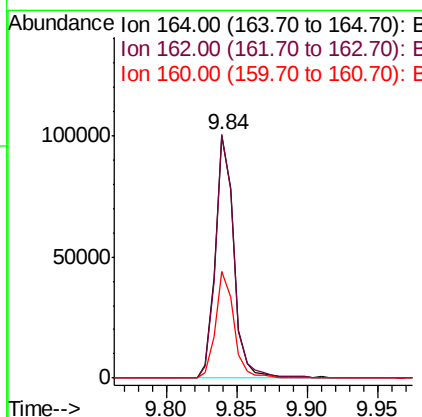
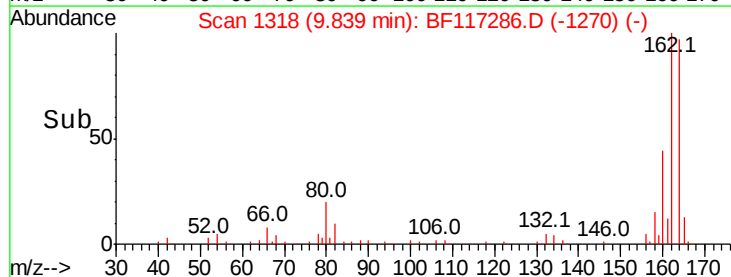
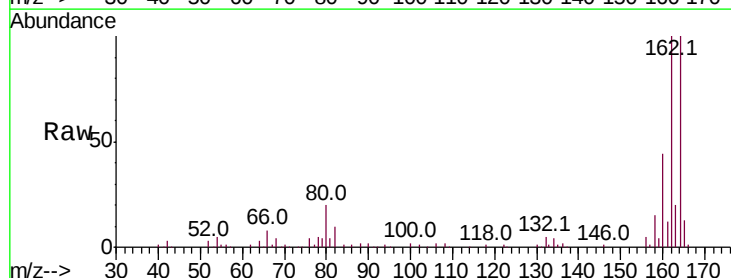
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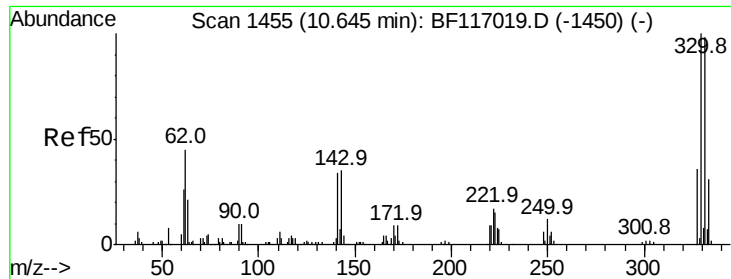
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.02 min
 Lab File: BF117286.D
 Acq: 1 Oct 2019 19:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	83.4	125.2
160	44.2	36.4	54.6





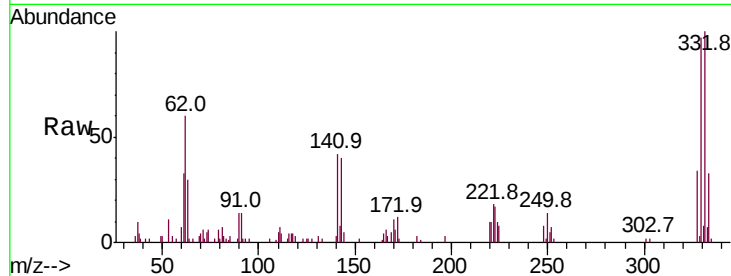
#42
 2,4,6-Tribromophenol
 Concen: 29.761 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF117286.D
 Acq: 1 Oct 2019 19:35

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-093019

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.0	117.0
141	46.8	35.8	53.6

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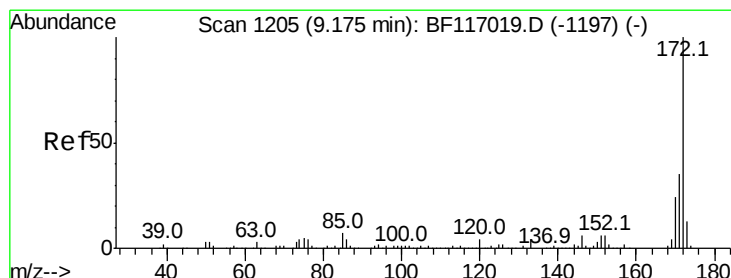
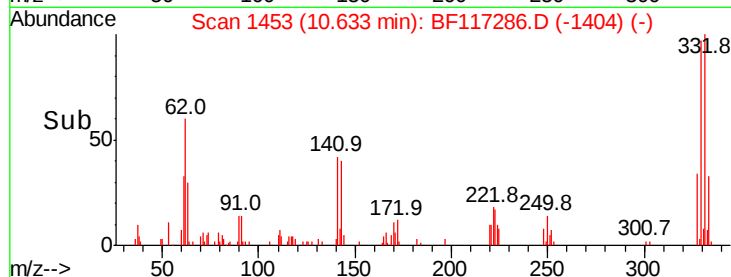
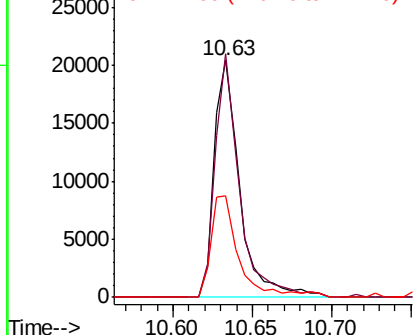


Abundance

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: 30.438 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF117286.D
 Acq: 1 Oct 2019 19:35

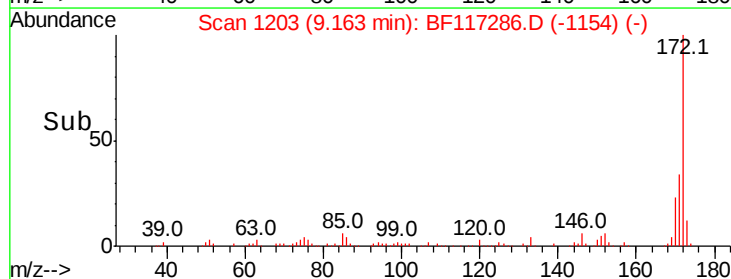
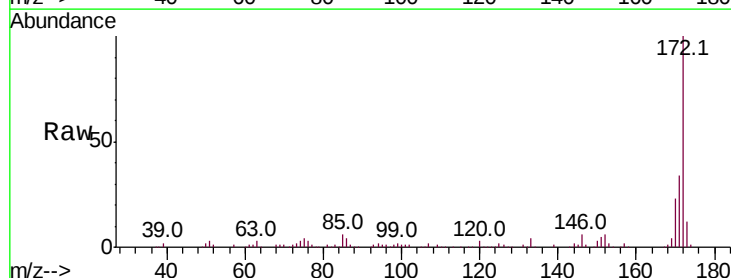
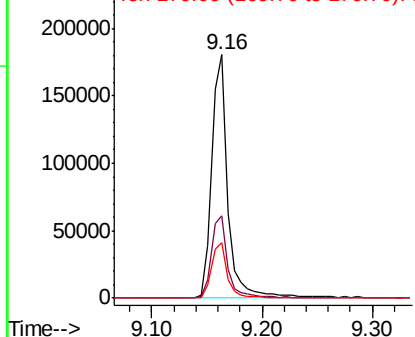
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.2	42.2
170	22.7	18.9	28.3

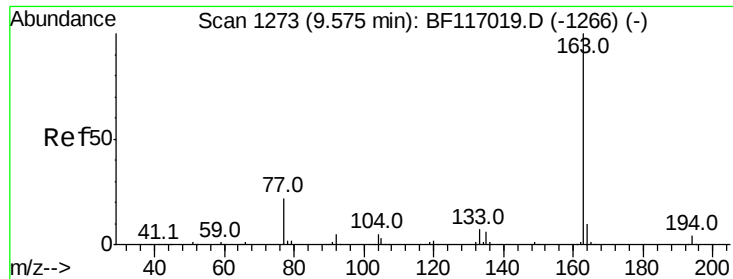
Abundance

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





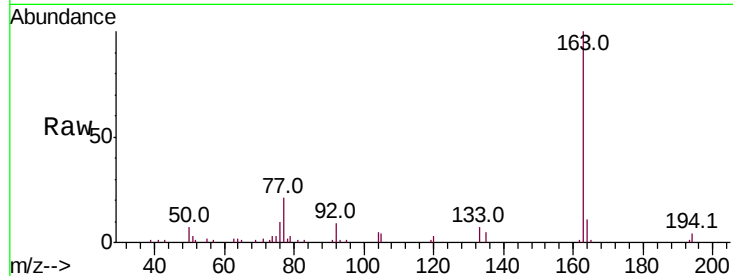
#50
Dimethylphthalate
Concen: 5.148 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF117286.D
Acq: 1 Oct 2019 19:35

Instrument :
BNA_F
ClientSampleId :
OK-01-093019

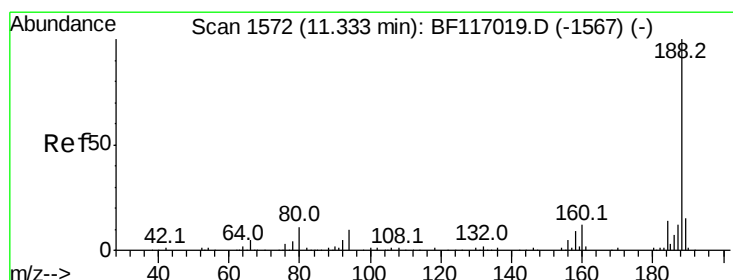
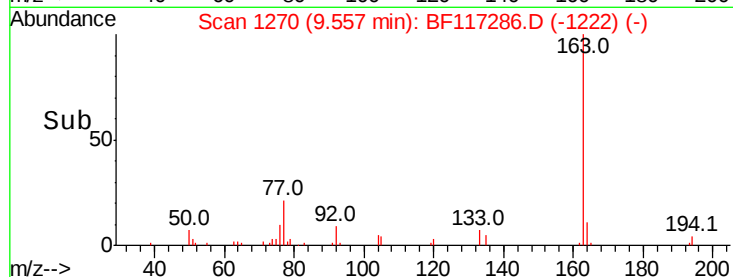
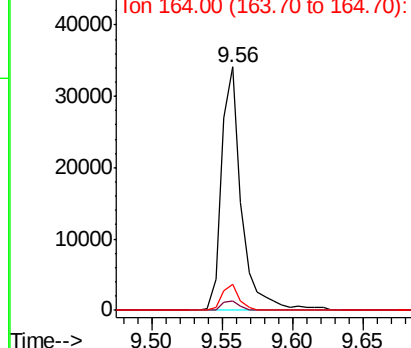
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.9	4.3
164	10.7	8.2	12.4

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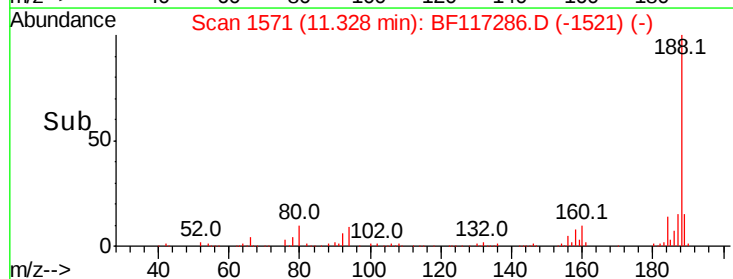
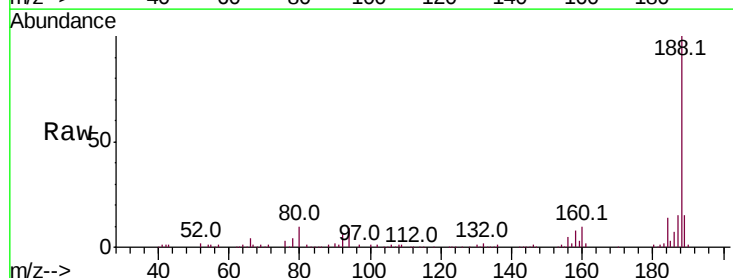
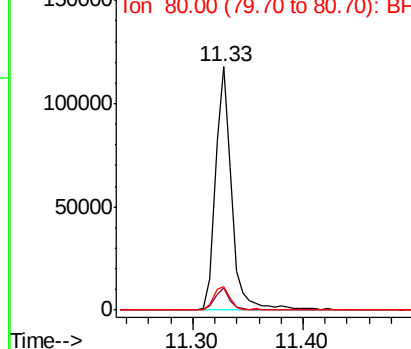
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

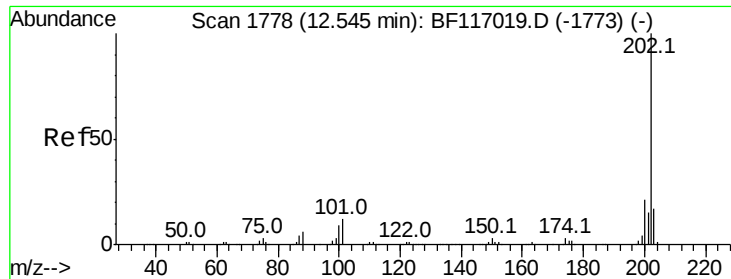


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF117286.D
Acq: 1 Oct 2019 19:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.2	12.2
80	9.6	9.0	13.6

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





#75

Fluoranthene

Concen: 4.677 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF117286.D

Acq: 1 Oct 2019 19:35

Instrument :

BNA_F

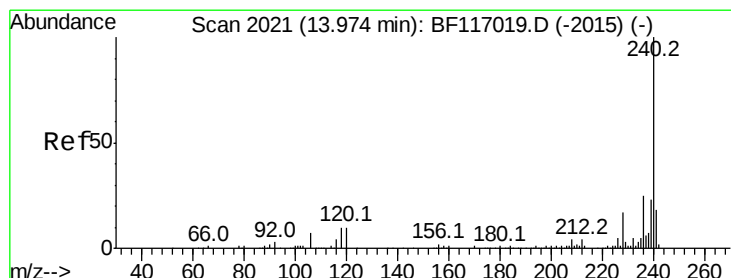
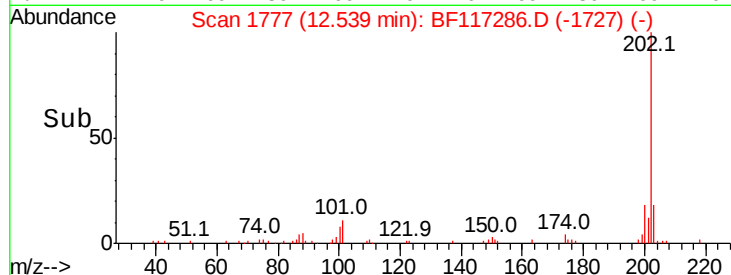
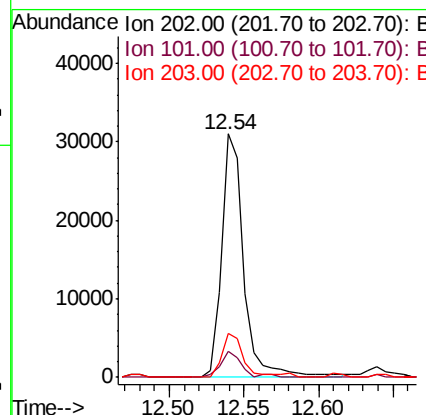
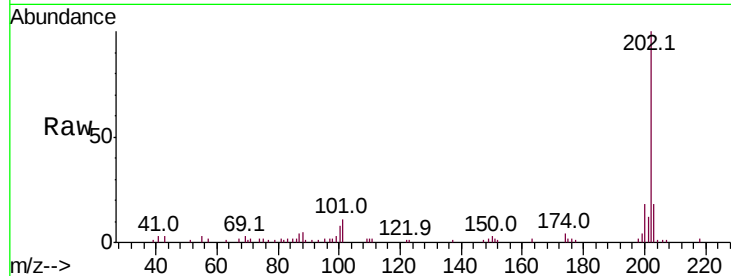
ClientSampleId :

OK-01-093019

Tot Ion:	202	Resp:	32189
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	32.3
203	17.9	0.0	37.1

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#76

Chrysene-d12

Concen: 20.000 ng

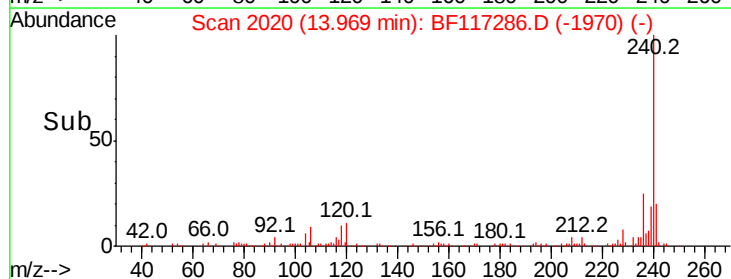
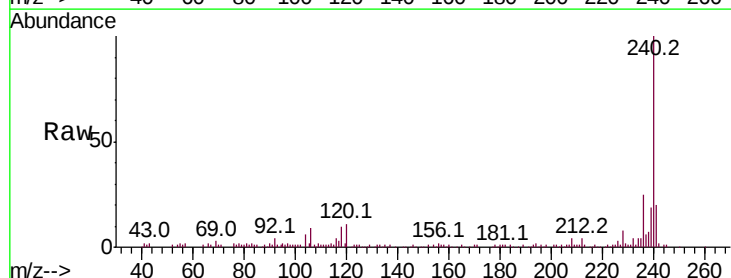
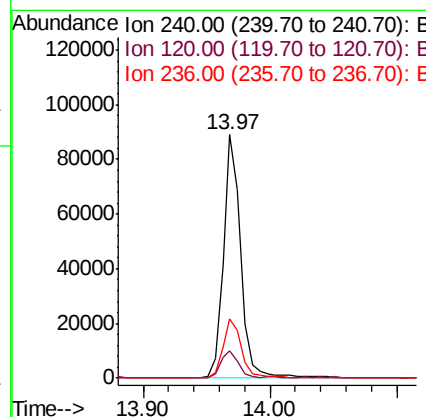
RT: 13.97 min Scan# 2020

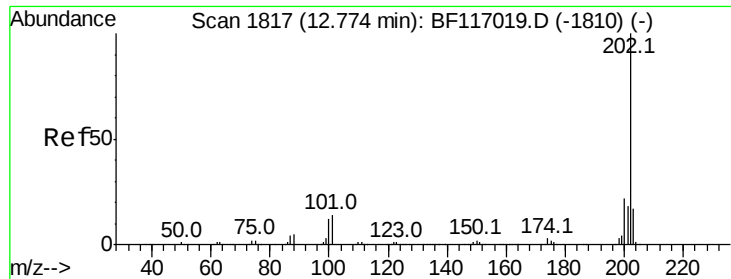
Delta R.T. -0.01 min

Lab File: BF117286.D

Acq: 1 Oct 2019 19:35

Tgt Ion:	240	Resp:	85265
Ion Ratio	Lower	Upper	
240	100		
120	11.3	8.3	12.5
236	24.5	20.3	30.5





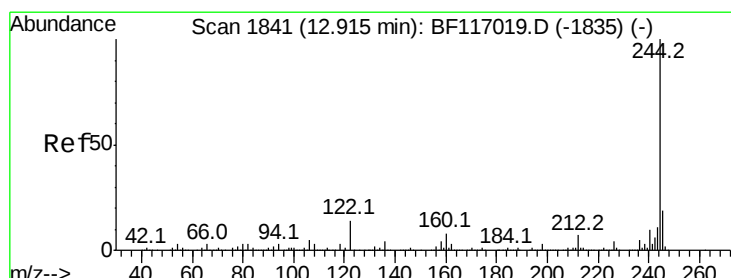
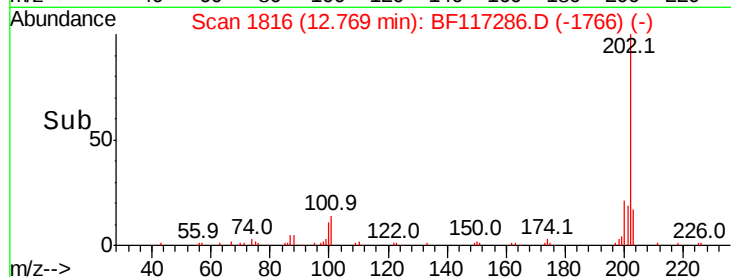
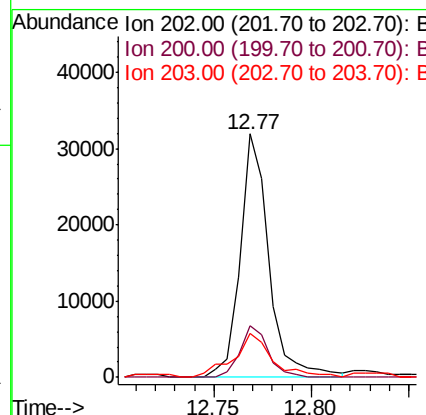
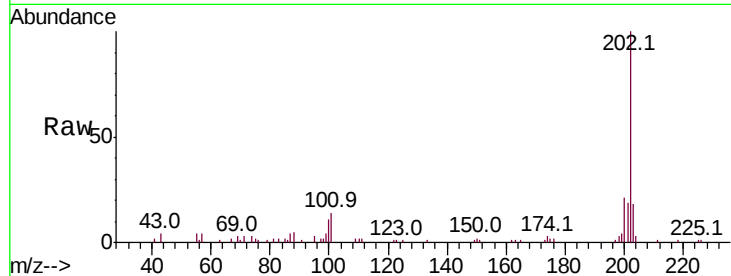
#78
Pvrene
Concen: 4.547 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF117286.D
Acq: 1 Oct 2019 19:35

Instrument :
BNA_F
ClientSampleId :
OK-01-093019

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.2	25.8
203	17.8	14.0	21.0

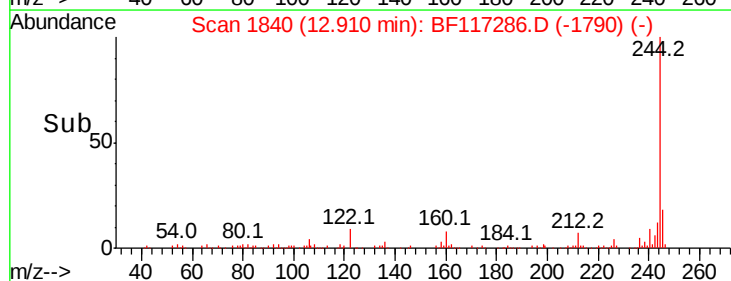
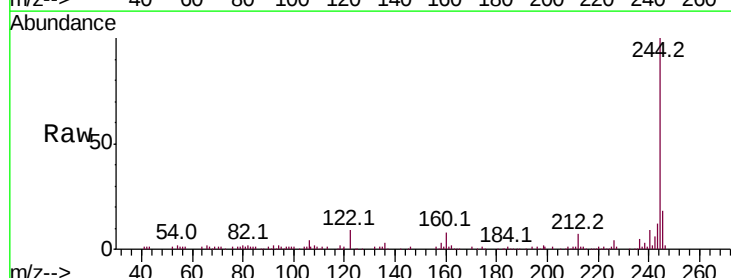
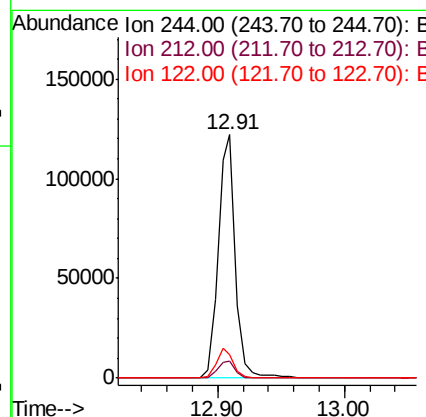
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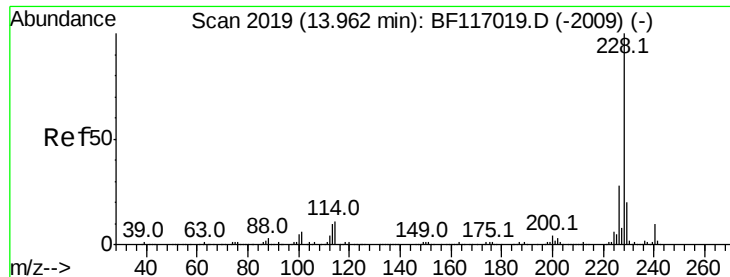
mohammad
10/2/2019 3:56:44 PM



#79
Terphenyl-d14
Concen: 25.479 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117286.D
Acq: 1 Oct 2019 19:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	9.5	11.3	16.9#





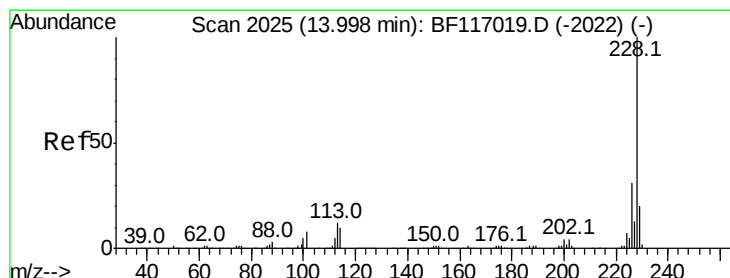
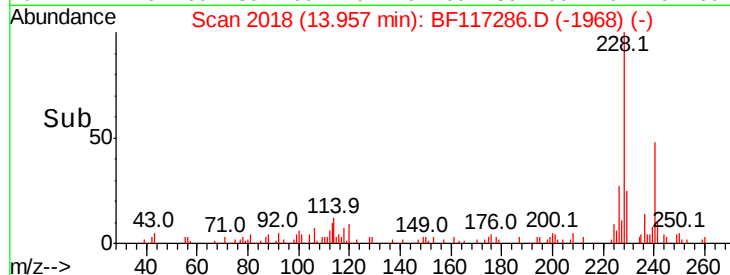
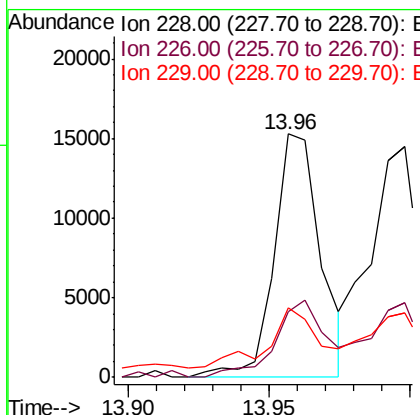
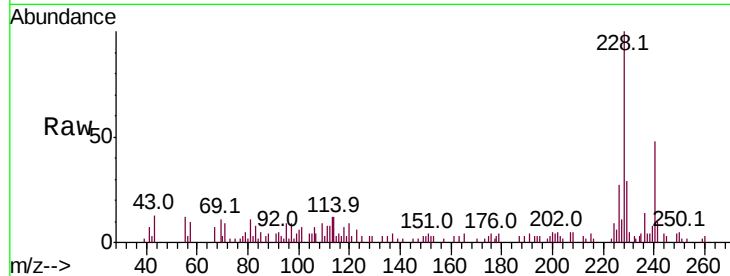
#81
Benzo(a)anthracene
Concen: 3.080 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117286.D
Acq: 1 Oct 2019 19:35

Instrument :
BNA_F
ClientSampleId :
OK-01-093019

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.3	33.5
229	28.5	15.9	23.9

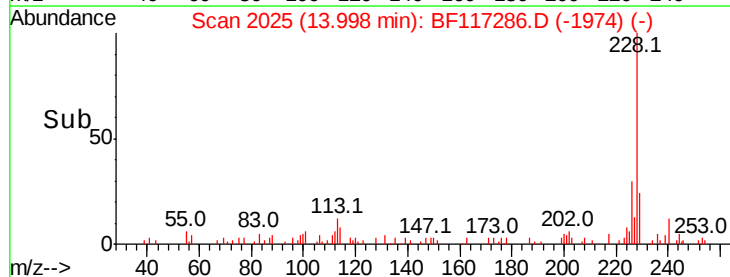
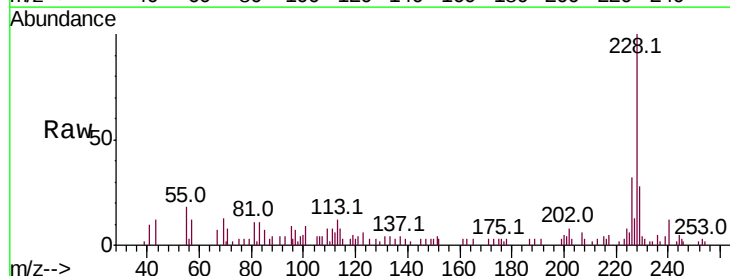
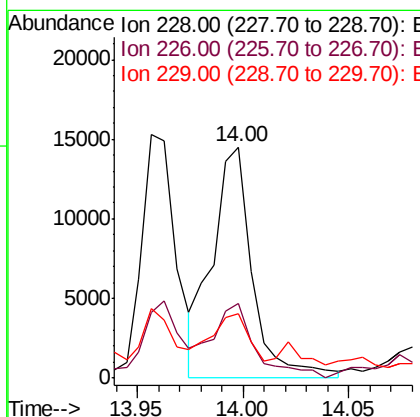
Manual Integrations
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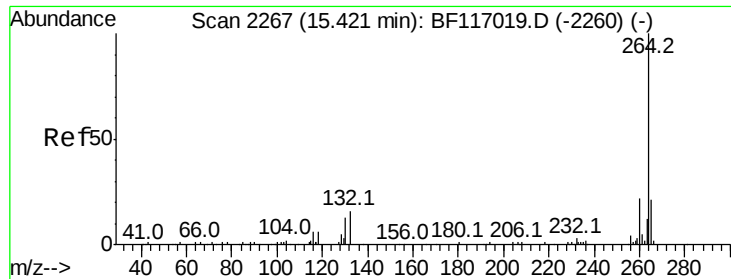
mohammad
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#83
Chrysene
Concen: 3.476 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF117286.D
Acq: 1 Oct 2019 19:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.8	37.2
229	28.0	15.8	23.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2268

Delta R.T. 0.01 min

Lab File: BF117286.D

Acq: 1 Oct 2019 19:35

Instrument :

BNA_F

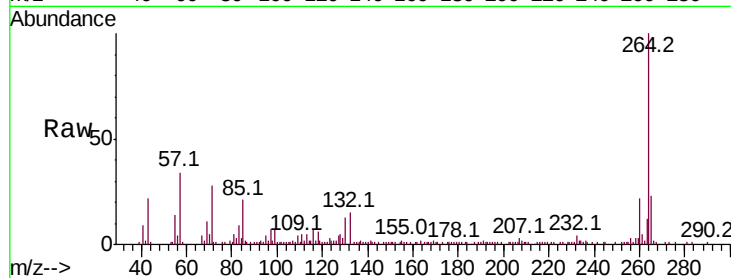
ClientSampleId :

OK-01-093019

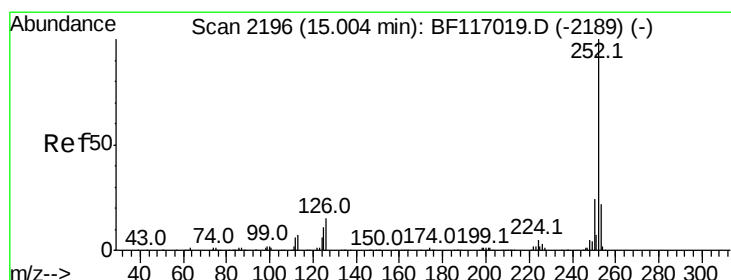
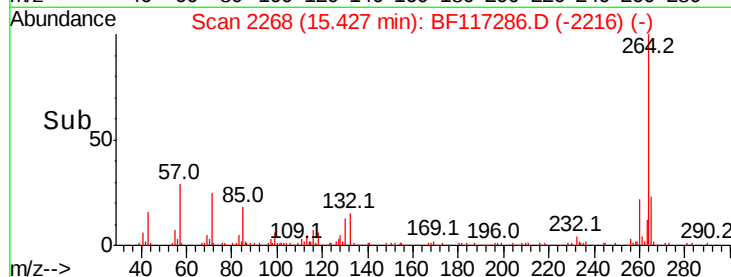
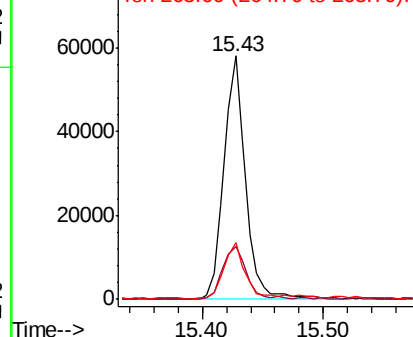
Tot Ion:	264	Resp:	71745
Ion Ratio	Lower	Upper	
264	100		
260	21.9	17.6	26.4
265	23.3	16.6	24.8

Manual Integrations
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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: 3.825 ng m

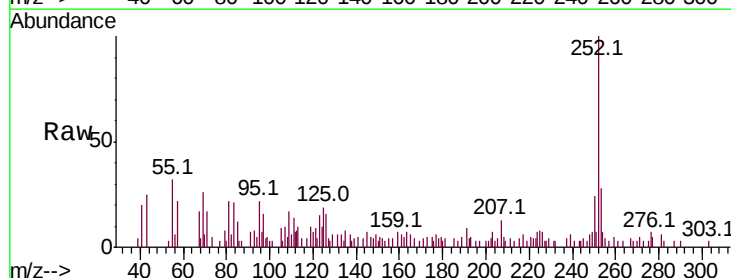
RT: 15.01 min Scan# 2197

Delta R.T. 0.01 min

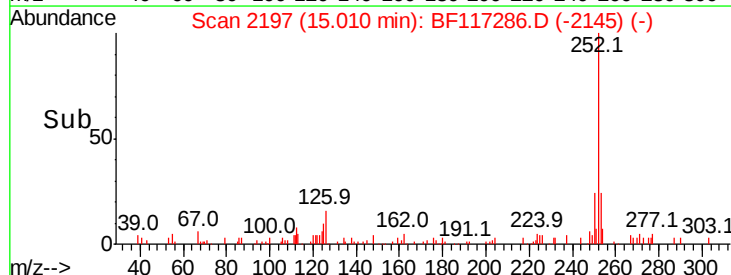
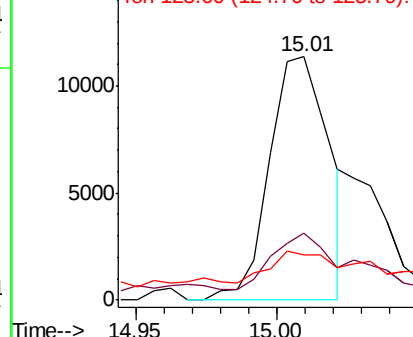
Lab File: BF117286.D

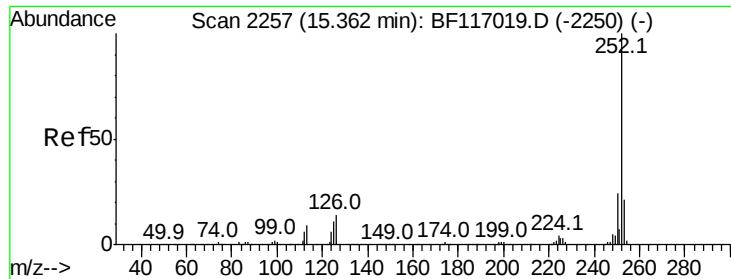
Acq: 1 Oct 2019 19:35

Tgt Ion:	252	Resp:	16624
Ion Ratio	Lower	Upper	
252	100		
253	27.6	17.6	26.4#
125	18.6	8.6	12.8#



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: 3.288 ng

RT: 15.37 min Scan# 2258

Delta R.T. 0.01 min

Lab File: BF117286.D

Acq: 1 Oct 2019 19:35

Instrument :

BNA_F

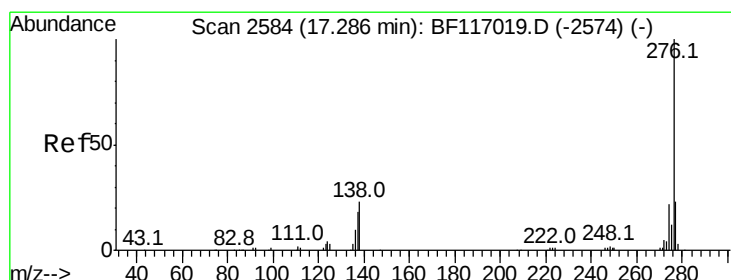
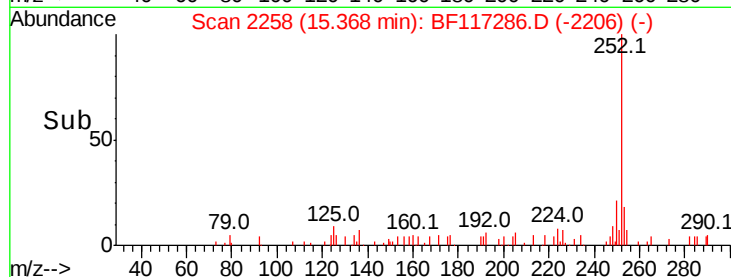
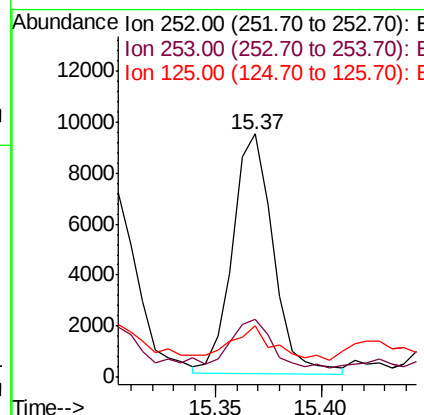
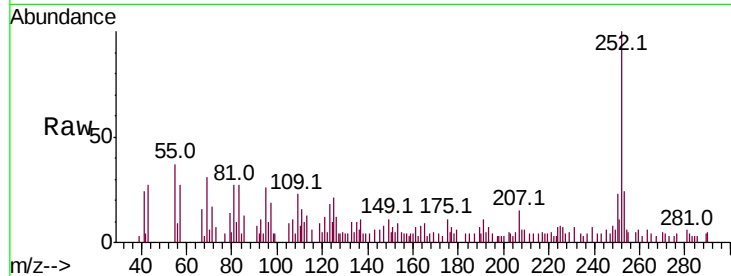
ClientSampleId :

OK-01-093019

Tot Ion:	252	Resp:	12540
Ion Ratio	Lower	Upper	
252	100		
253	23.8	16.6	25.0
125	21.3	8.9	13.3#

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 2.249 ng

RT: 17.32 min Scan# 2589

Delta R.T. 0.03 min

Lab File: BF117286.D

Acq: 1 Oct 2019 19:35

Tgt Ion:	276	Resp:	6810
Ion Ratio	Lower	Upper	
276	100		
277	24.3	18.6	27.8
138	27.2	18.0	27.0#

