Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122816\
Data File : BF092001.D
Acq On : 28 Dec 2016 18:24
Operator : UM/SJ
Sample : H6245-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LIP-12

Quant Time: Dec 29 01:20:43 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 17:32:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	204759	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	804021	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	403234	20.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	635373	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	480188	20.00	ng	-0.01
86) Perylene-d12	15.24	264	350413	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	812983	66.30	ng	-0.01
7) Phenol-d6	6.36	99	631503	42.18	ng	-0.02
23) Nitrobenzene-d5	7.28	82	1481539	102.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	421872	126.42	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	2347456	125.41	ng	-0.01
78) Terphenyl-d14	12.82	244	1959358	98.96	ng	0.00
Target Compounds						Qvalue

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

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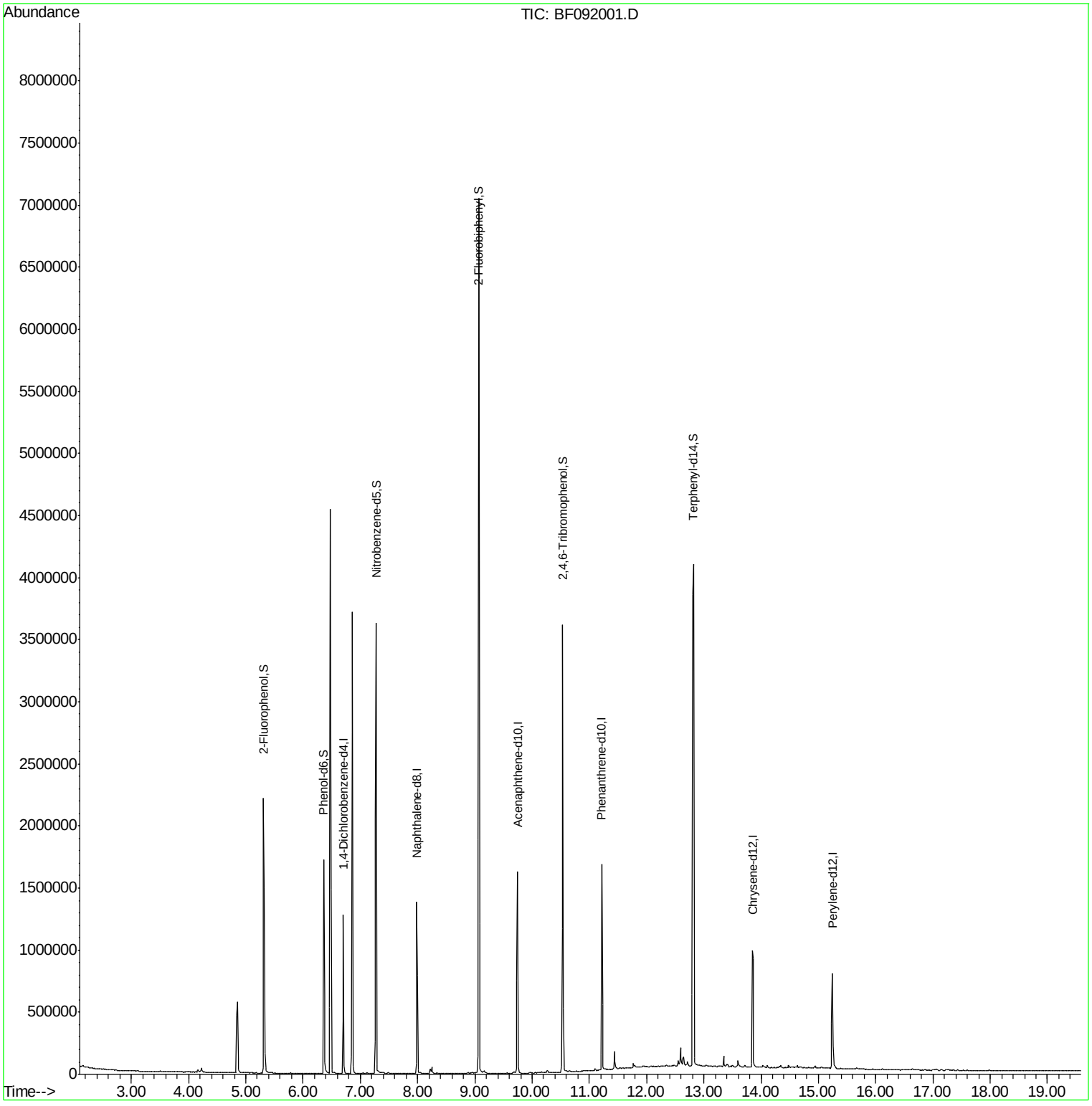
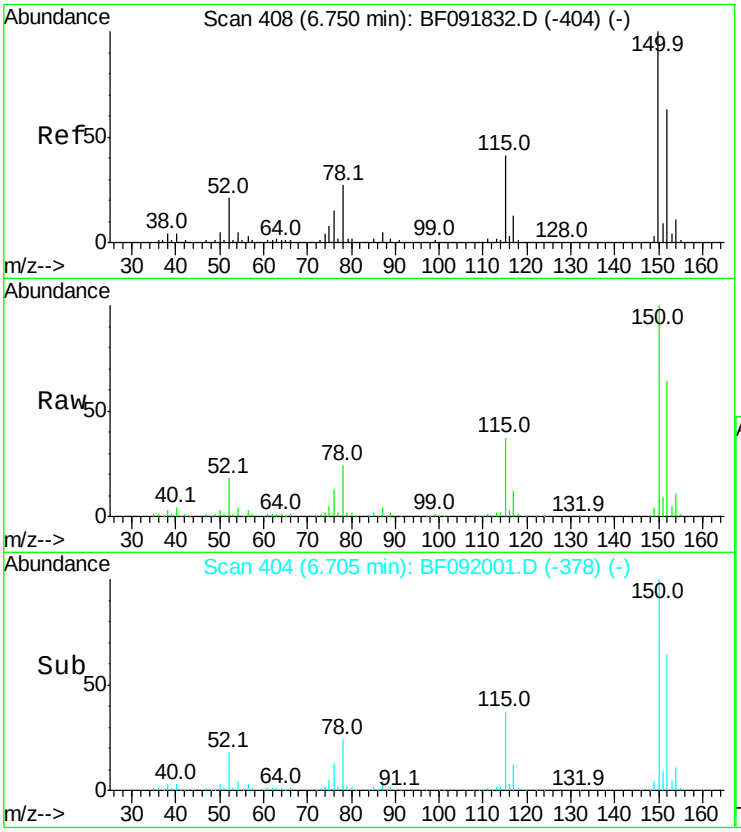


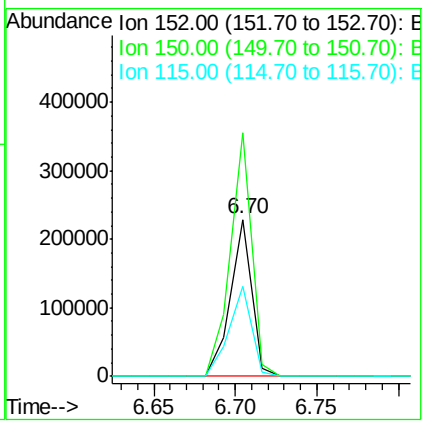


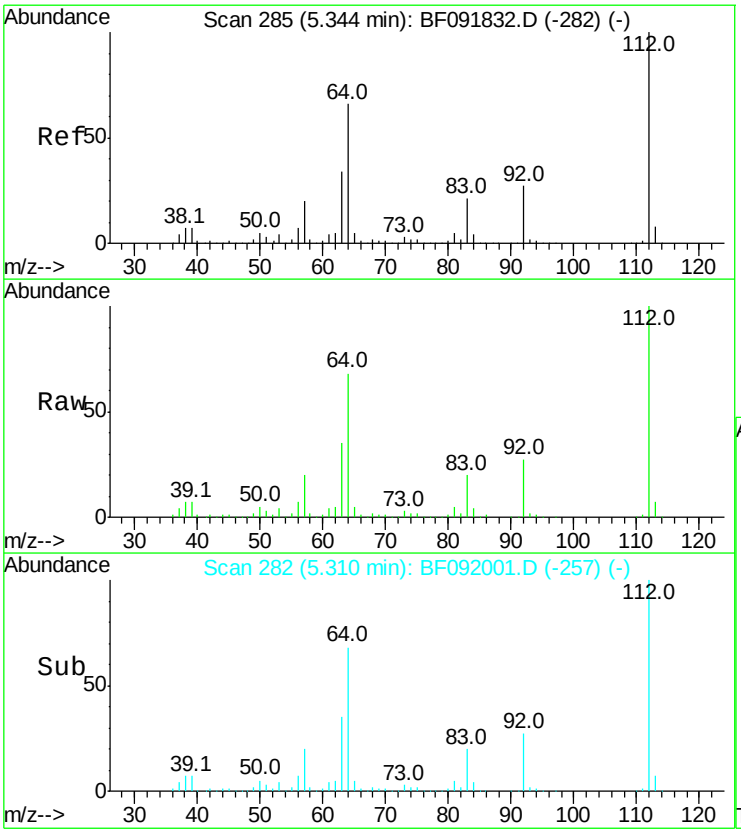
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF092001.D
Acq: 28 Dec 2016 18:24

Instrument :
BNA_F
ClientSampleId :
LIP-12

Tgt Ion:152 Resp: 204759

Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.9	187.3
115	57.2	46.0	69.0

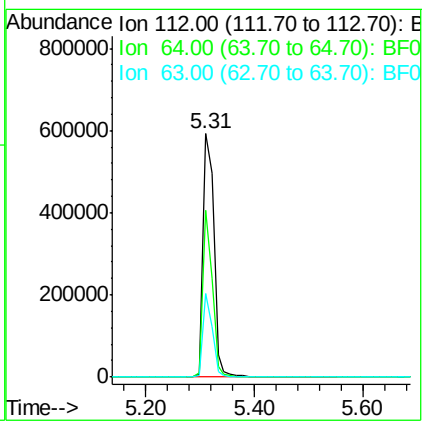


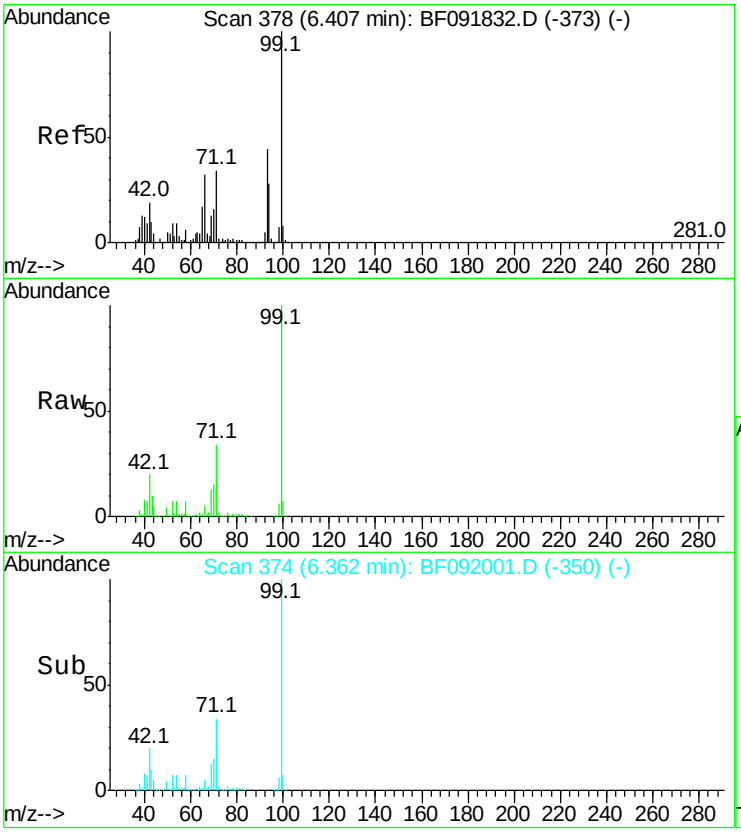


#5
2-Fluorophenol
Concen: 66.30 ng
RT: 5.31 min Scan# 282
Delta R.T. -0.01 min
Lab File: BF092001.D
Acq: 28 Dec 2016 18:24

Tgt Ion:112 Resp: 812983

Ion	Ratio	Lower	Upper
112	100		
64	68.4	46.1	69.1
63	34.6	23.8	35.6



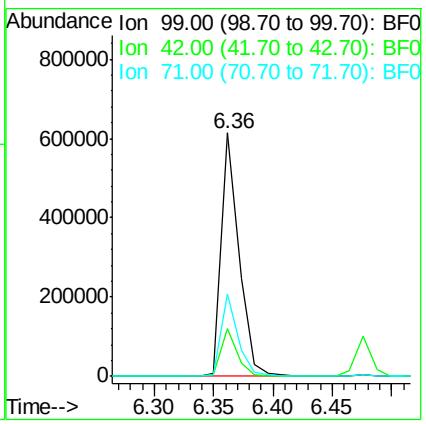


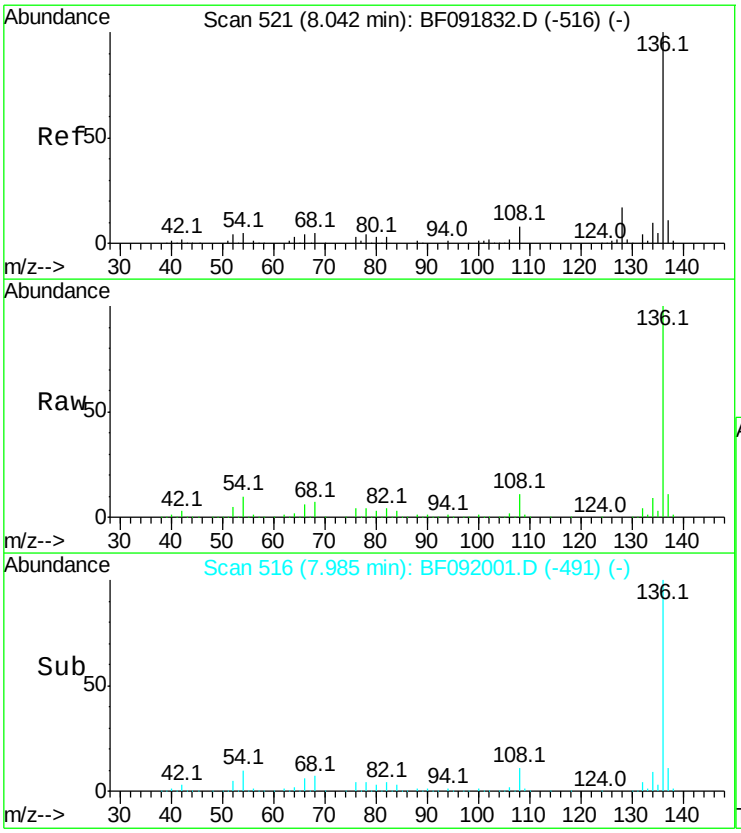
#7
Phenol-d6
Concen: 42.18 ng
RT: 6.36 min Scan# 374
Delta R.T. -0.02 min
Lab File: BF092001.D
Acq: 28 Dec 2016 18:24

Instrument :
BNA_F
ClientSampleId :
LIP-12

Tgt Ion: 99 Resp: 631503

Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.6	23.4
71	33.6	27.5	41.3

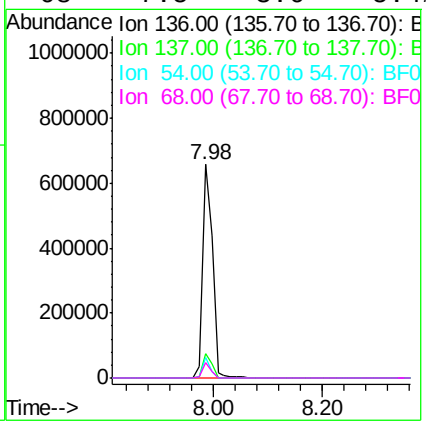


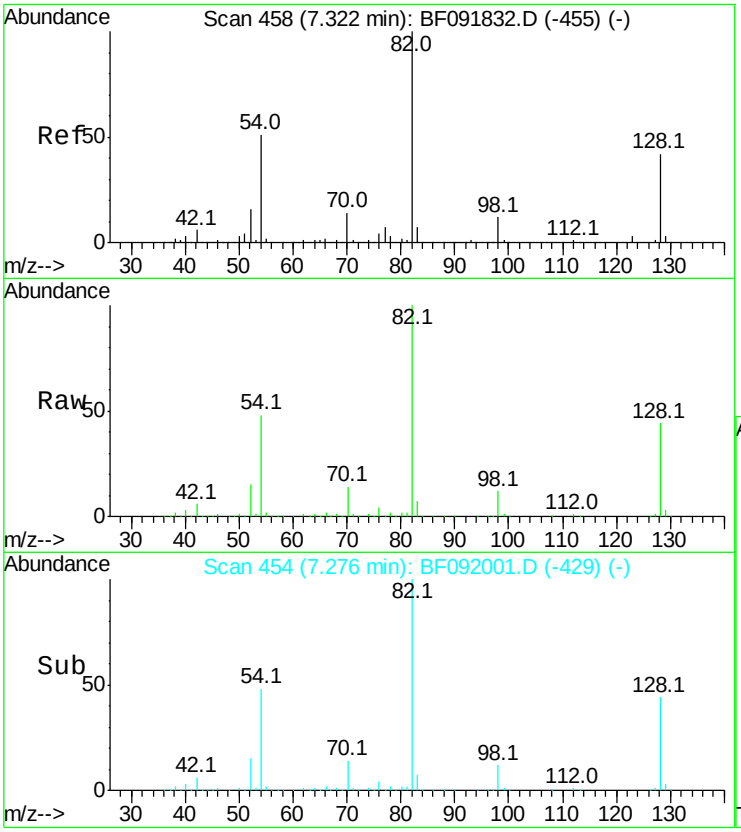


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF092001.D
Acq: 28 Dec 2016 18:24

Tgt Ion:136 Resp: 804021

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	9.6	4.5	6.7#
68	7.5	3.6	5.4#



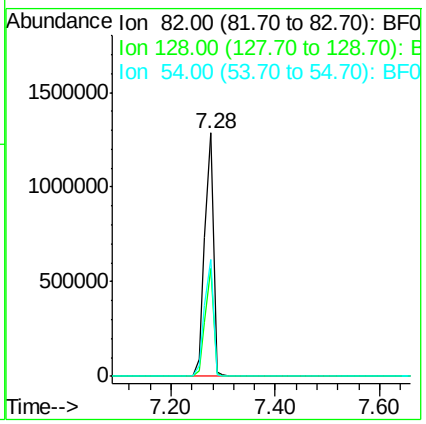


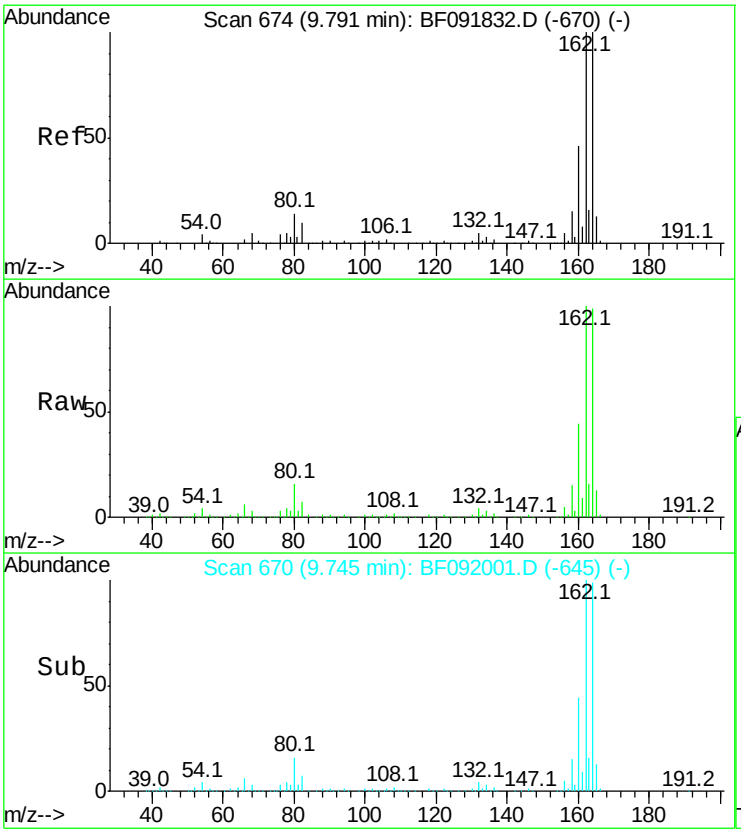
#23
Nitrobenzene-d5
Concen: 102.46 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF092001.D
Acq: 28 Dec 2016 18:24

Instrument :
BNA_F
ClientSampleId :
LIP-12

Tgt Ion: 82 Resp: 1481539

Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.6	52.0
54	48.1	39.5	59.3

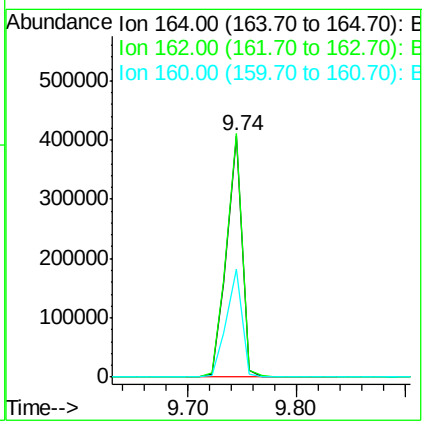


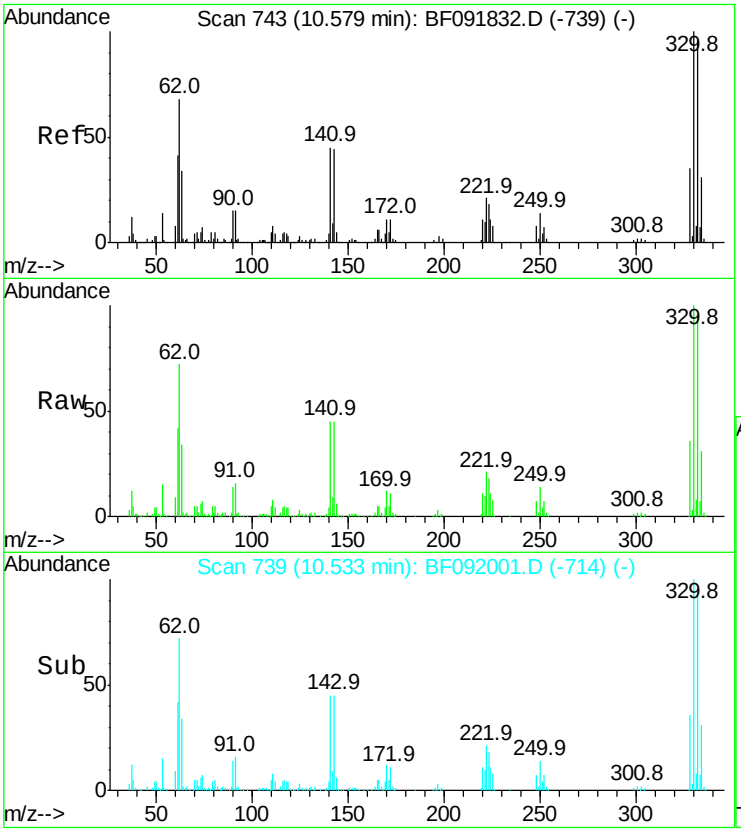


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF092001.D
Acq: 28 Dec 2016 18:24

Tgt Ion:164 Resp: 403234

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.2	120.2
160	44.8	36.9	55.3



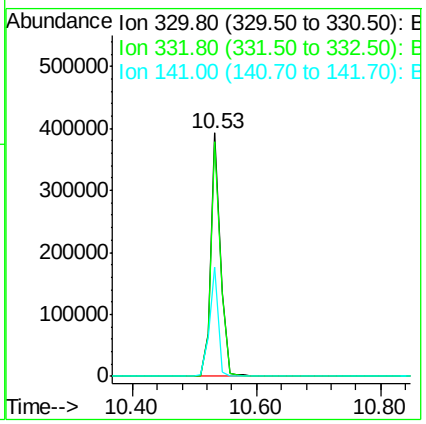


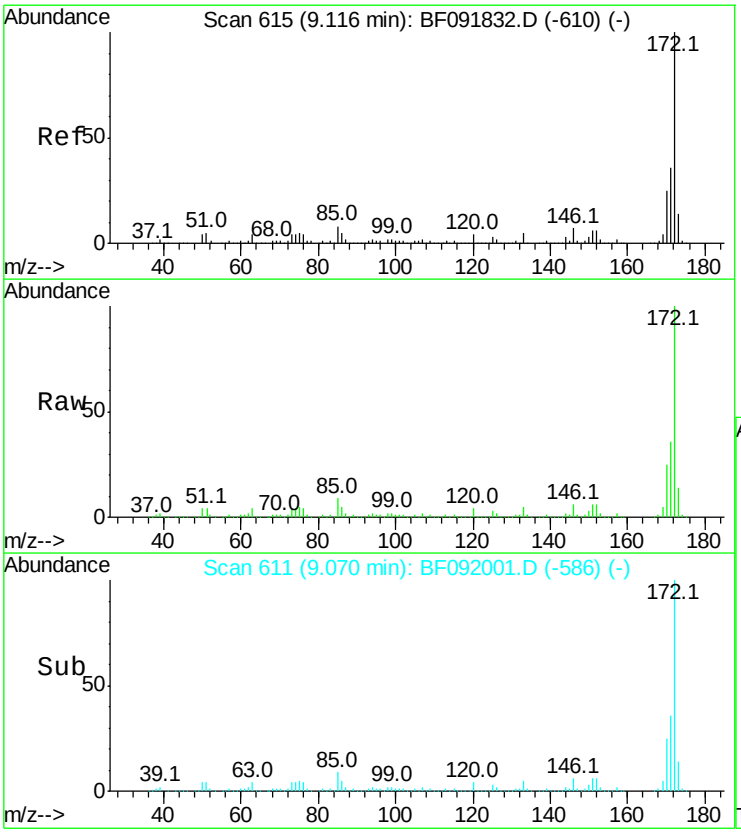
#41
2,4,6-Tribromophenol
Concen: 126.42 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF092001.D
Acq: 28 Dec 2016 18:24

Instrument :
BNA_F
ClientSampleId :
LIP-12

Tgt Ion:330 Resp: 421872

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.2
141	41.1	34.1	51.1

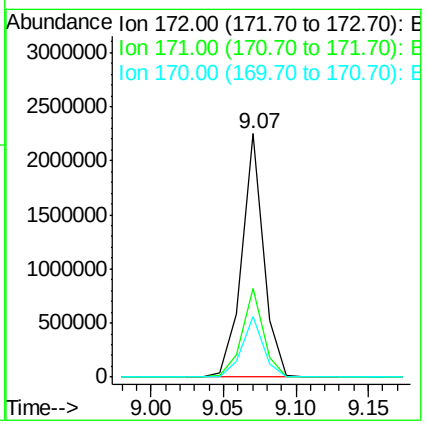


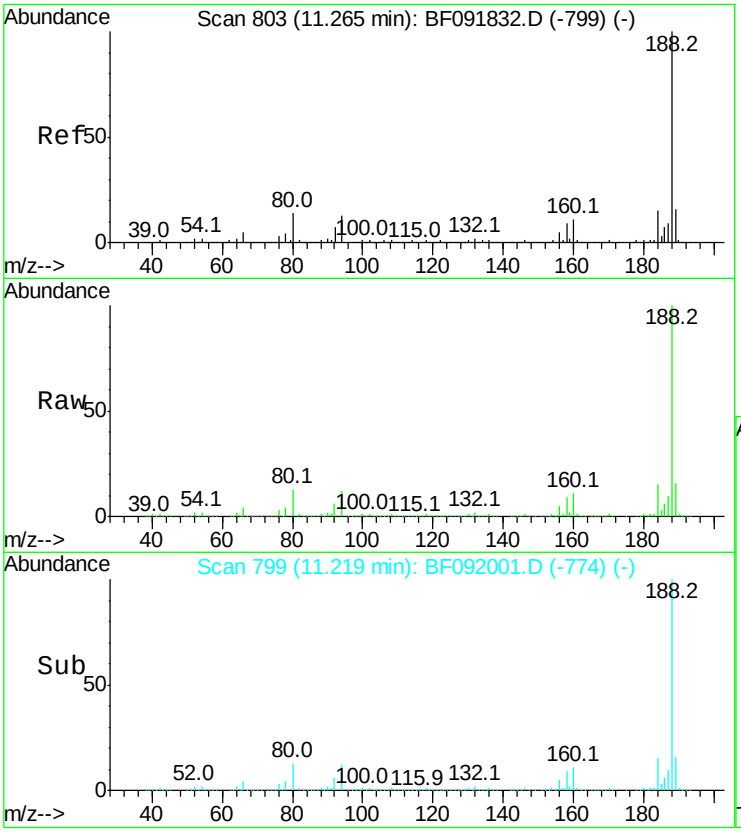


#44
2-Fluorobiphenyl
Concen: 125.41 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.01 min
Lab File: BF092001.D
Acq: 28 Dec 2016 18:24

Tgt Ion:172 Resp: 2347456

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.9	20.2	30.4



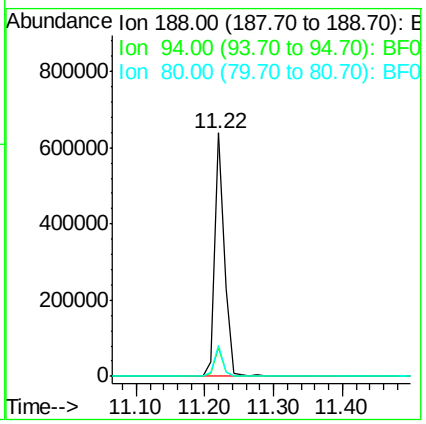


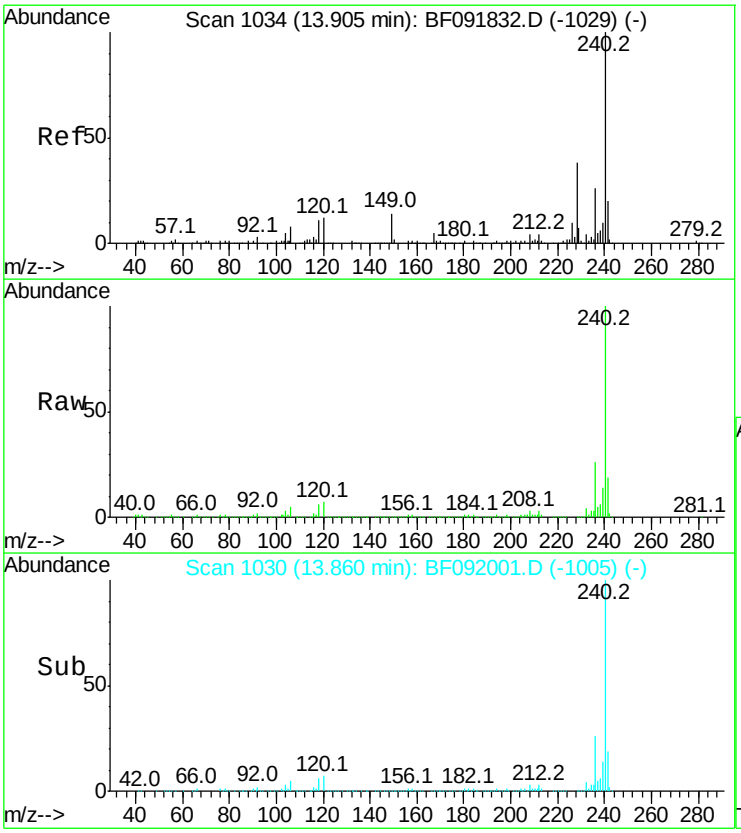
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF092001.D
Acq: 28 Dec 2016 18:24

Instrument :
BNA_F
ClientSampleId :
LIP-12

Tgt Ion:188 Resp: 635373

Ion	Ratio	Lower	Upper
188	100		
94	11.7	10.0	15.0
80	12.8	11.2	16.8

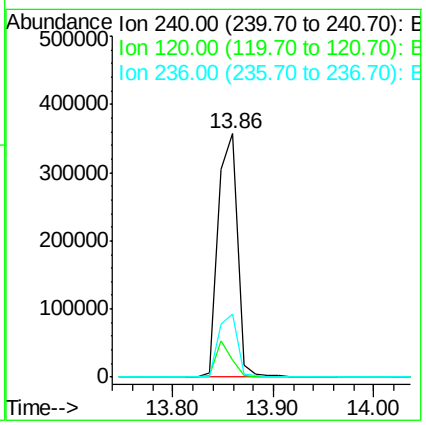


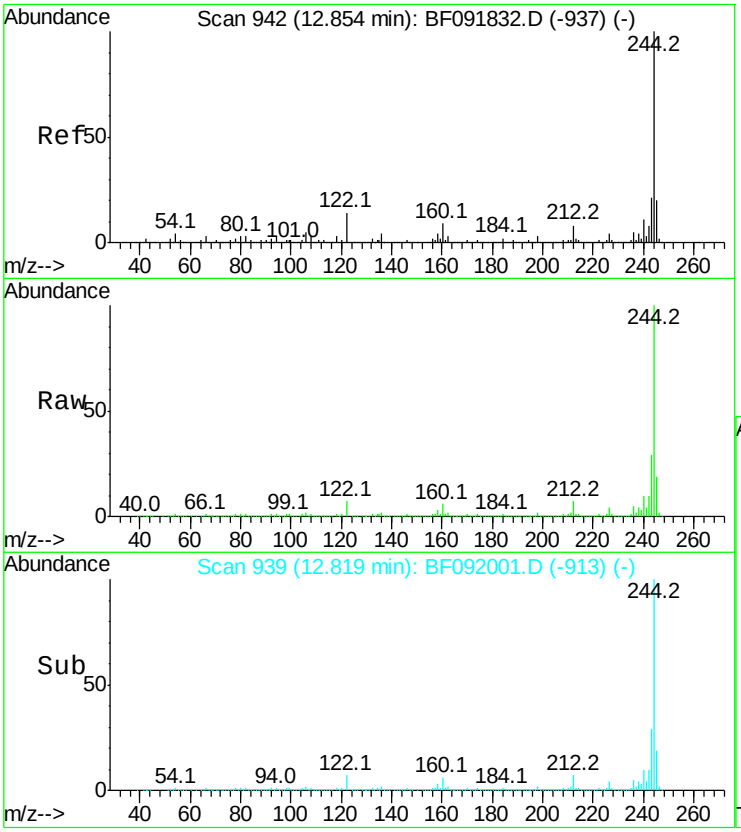


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF092001.D
Acq: 28 Dec 2016 18:24

Tgt Ion:240 Resp: 480188

Ion	Ratio	Lower	Upper
240	100		
120	7.2	12.9	19.3#
236	25.8	20.9	31.3



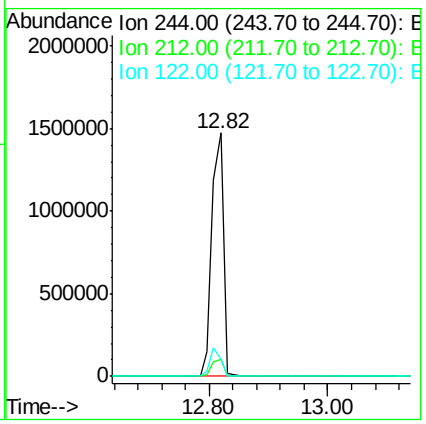


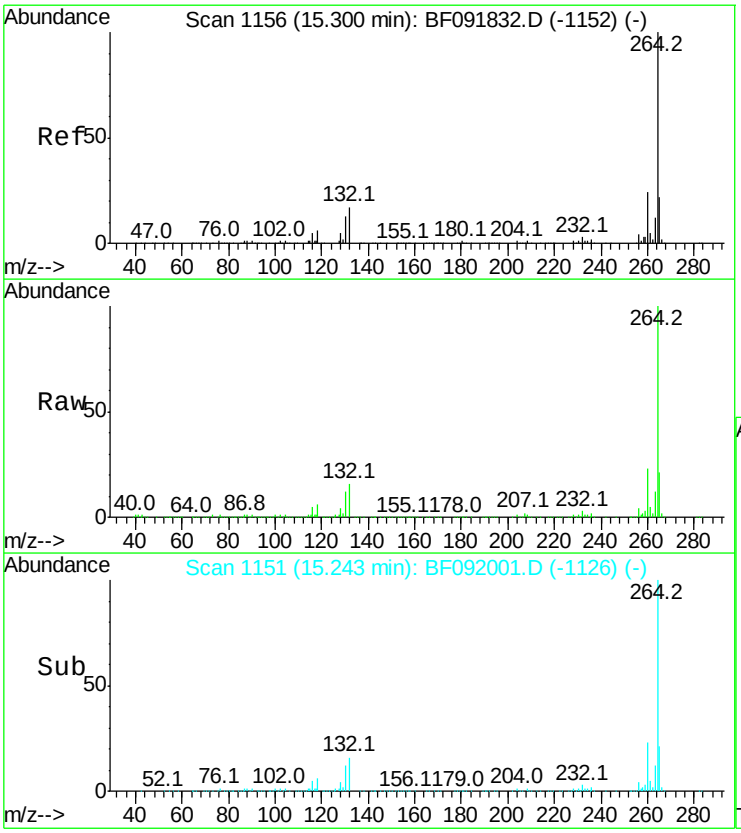
#78
Terphenyl-d14
Concen: 98.96 ng
RT: 12.82 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF092001.D
Acq: 28 Dec 2016 18:24

Instrument :
BNA_F
ClientSampleId :
LIP-12

Tgt Ion:244 Resp: 1959358

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.2	9.2
122	7.1	11.4	17.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF092001.D
Acq: 28 Dec 2016 18:24

Tgt Ion:264 Resp: 350413

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.1	17.4	26.0